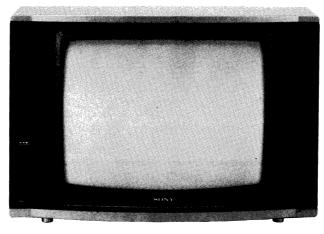
SERVICE MANUAL

Belgium Model

Chassis No. SCC-660G-A





RX CHASSIS

September, 1985

SPECIFICATIONS

Television system

CCIR TV standards (system B,G and H)

Colour system PAL

Zweiton system

Two carrier system VHF channels E2-S20

Channel coverage

UHF channels E21-E68

Programming system 30 programmes

Automatic programming digital tuning Picture tube

Approx. 68 cm (27 inches), approx. 64 cm

screen measured diagonally

114-degree deflection Trinitron system

75-ohm standard aerial socket

(DIN 45325/IEC 169-2)

Audio output 10 W + 10 W (music power)

Input/output

21-pin connector

Aerial

in accordance with the requirements of

CENELEC standard

Outputs

Audio output connector (5-pin DIN)

Recording output: 1 mV rms/kilohm Line output: variable, 0-2 V rms (max.)

impedance less than 1 kilohm

External speaker terminals (2-pin DIN)

For 8 to 16 ohm speakers

Headphones jack (stereo phone jack) 220-240 V ac, 50 Hz

Power requirements Power consumption

150 W

Dimensions

Approx. $800 \times 543 \times 475 \text{ mm (w/h/d)}$

Weight

Accessory supplied Optional accessory

Approx. 52kg

Remote Commander RM-635 OPK-202 SECAM adaptor

OPK-203 teletext adaptor

Design and specifications are subject to change without notice.

RM-635

Remote control system

Infrared control

Power requirements 3 V dc

2 batteries IEC designation R03 (size AAA)

Dimensions Approx. $54 \times 16 \times 165$ mm (w/h/d)

Weight Approx. 100 g

incl. batteries

Accessories supplied IEC designation R03 battery (2)

Design and specifications are subject to change without notice.



TRINITRON® COLOR TV SONY



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SAFETY-RELATED COMPONENT WARNING!

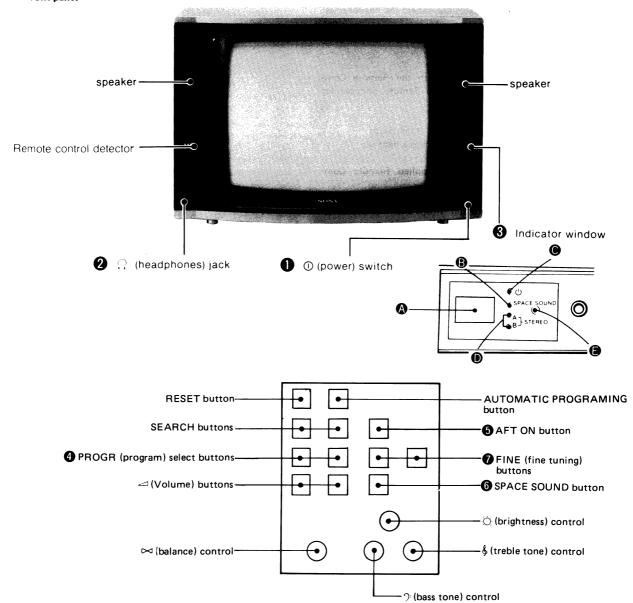
COMPONENTS IDENTIFIED BY SHADING AND MARK

① ON THE SCHEMATIC DIAGRAMS, EXPLODED
VIEWS AND IN THE PARTS LIST ARE CRITICAL TO
SAFE OPERATION. REPLACE THESE COMPONENTS
WITH SONY PARTS WHOSE PART NUMBERS APPEAR
AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS
PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS
THAT ARE CRITICAL TO SAFE OPERATION ARE
IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE
REPLACED OR IMPROPER OPERATION IS SUSPECTED.

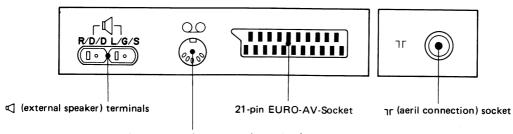
SECTION 1 GENERAL

1-1. LOCATION AND FUNCTION OF CONTROLS

On the front panel



On the rear panel



audio output) connector (5-pin DIN)

(power) switch

Press to turn the TV on. Press again to turn the power off.

(headphones) jack

Connect stereo headphones here. Speaker sound will be disconnected. If your stereo headphones have a stereo miniplug use an optional plug adaptor. To hear the sound from the speakers disconnect the headphones.

1 Indicator window

A Program indicator

BSPACE SOUND indicator

(standby) indicator

Lights up when the TV is turned off with the Remote Commander. When any of the buttons on the Remote Commander is pressed this lamp blinks.

DZweiton/STEREO indicators

When a dual-sound program is received. A or B lights up.

When a stereo program is received both indicators light up.

■Remote control detector

Point the infrared transmitter of the supplied Remote Commander here.

4 PROGR (program) select buttons

Press either + or - to select a preset program (from positions 1 through 30). Press + for higher numbered programs and - for lower numbered programs. Programs will be changed continuously in sequence. The selected program number will appear on the program indicator.

5 AFT (automatic fine tuning) ON button

When the AFT circuit activates the indicator illuminates.

Press the AFT ON button to restore the AFT on the channel which has been fine-tuned manually with the FINE buttons. After the automatic programing is finished, or after a station is tuned and memorized in the manual programing system the AFT circuit will automatically reactivate.

6 SPACE SOUND button

Press to get special acoustic effects (for example more presence). The SPACE SOUND indicator will illuminate. To disengage press it again.

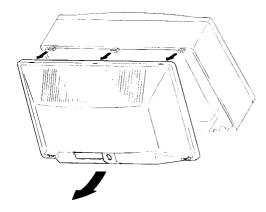
FINE (fine tuning) buttons

Keep either + or - depressed to get a clear picture for each unsatisfactory channel. The AFT circuit will be automatically deactivated.

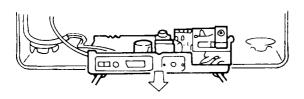
SECTION 2 DISASSEMBLY

2-1. OPK-202 ATTACHING

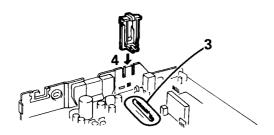
1 Remove the rear panel.



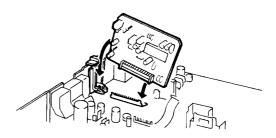
2 Pull out the main D board.



- 3 Cut off the five soldered connections marked SCM on the D-board: JW 158, 169, 170, 171 and 172.
- 4 Insert the larger holder into the lefthand side frame.



5 Insert the adaptor into the D-20 board aligning the righthand pins first, and slide into the slot of the holder.

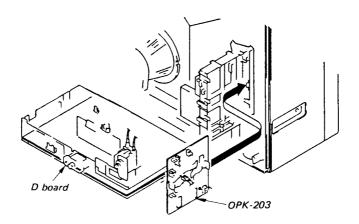


- 6 Connect th power plug, and check that the SECAM program is displayed in color.
- Disconnect the power plug again and attach the rear panel.

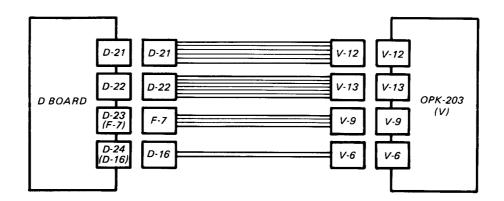
2-2. OPK-203 ATTACHING

Before installing the adaptor, unplug the set from the wall outlet.

- 1. Remove the rear panel.
- 2. Pull out the main D board.
- 3. Attach the OPK-203 board on the set in the reserved position using the holder or sash provided.



4. Connect to the researce terminals as the connector.



- 5. Cut out the D004 of the D board.
- 6. PICTURE ADJUSTMENT
 - RV3: Adjust this VR to give the optinum contrast on TXT display.
 - RV2: Adjust this VR to obtain stable picture on non-interlace models.
- 7. Attach the rear panel.

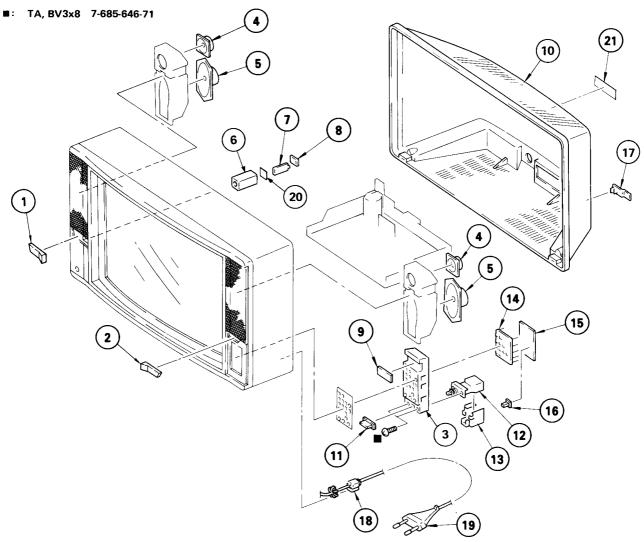
SECTION 3 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

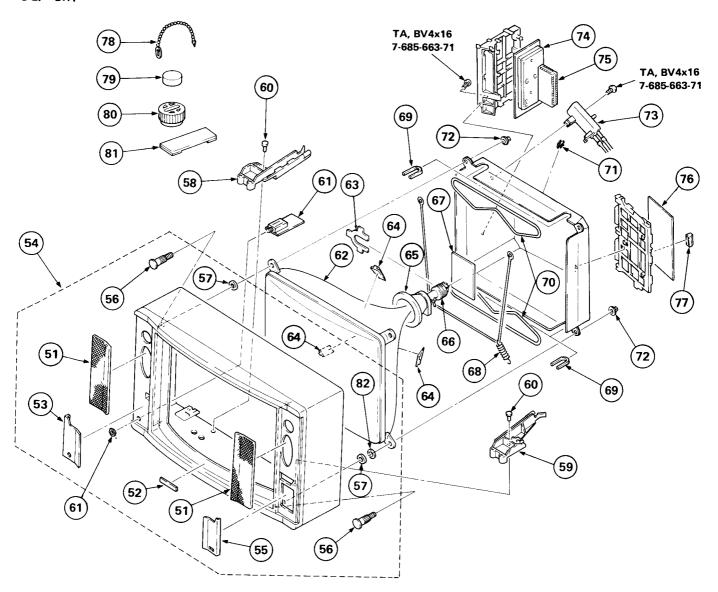
The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

3-1. CABINET



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	x-4373-201-1	WINDOW (L) ASSY, ORNAMENTAL		12	A.1-554-762-11	SWITCH, PUSH (AC POWER)(1 KEY)	-
2	4-373-223-01	WINDOW (RIGHT), ORNAMENTAL		13		CAP, INSULATING, POWER SWITCH	
3	*4-373-232-01	PANEL, CONTROL		14	4-373-213-01	BUTTON, MULTI	
4	1-503-314-11	SPEAKÉR		15	*1-612-976-21	H1 BOARD	
5	1-503-417-11	SPEAKER		16	4-361-938-00	PUSH BUTTON (A)	
6	*4-342-117-00	CASE, SHIELD (MAIN), R		17	4-329-127-00	CLAMP, CORD	
7	*1-611-717-11	N BOARD		18	A.4-022-115-01	HOLDER, AC CORD	
8	*4-342-118-00	LID, SHIELD CASE, R		19	△.1-551-270-31	CORD, POWER	
9	*1-612-977-21	H2 BOARD		20	*4-333-624-00	FILM (N), SPECIAL	
10	4-373-229-01	COVER, REAR		21	*4-373-209-02	LABEL, MODEL NUMBER	
11	4-373-206-01	BUTTON, POWER				•	

3-2. CRT

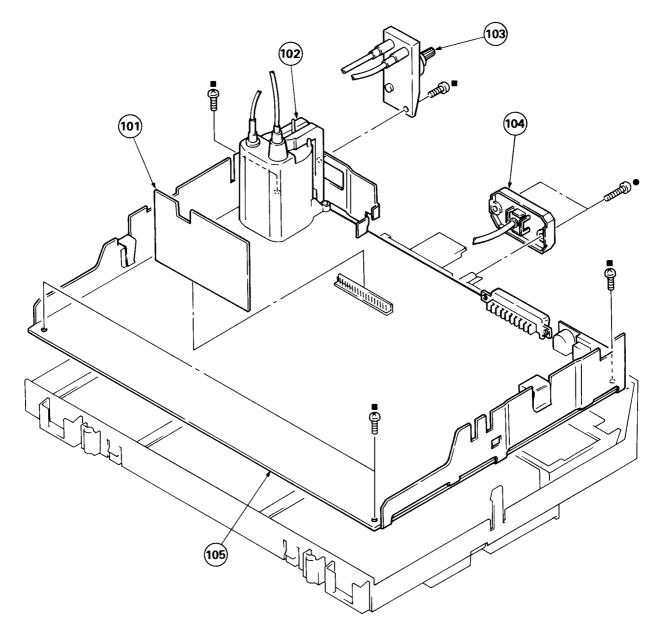


No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51 52 53 54 55 56 57 58 59 60 61 62	4-373-218-01 3-701-912-00 4-373-222-01 X-4373-202-1 4-373-204-01 4-373-228-01 *4-373-228-01 *4-373-228-01 *1-615-566-11 1-452-146-21 3-703-003-00 1-451-156-51	PLATE, ORNAMENTAL EMBLEM, SONY, (LARGE DOOR (LEFT) CABINET ASSY DOOR (RIGHT) SCREW, SPECIAL WASHER, SPECIAL HOLDER (C) (LEFT) HOLDER (C) (RIGHT) CLIP JI BOARD CRT (A64JKBOOX) MAGNET, BMC	05)	67 68 69 70 71 72 73 74	*A-1330-616-A 4-303-774-XX *4-330-306-00 1-426-041-21 *4-322-922-00 4-373-210-01 1-228-544-11 *A-1296-015-A 1-463-577-11 *A-1245-313-A *4-375-709-01 4-308-870-00 1-452-032-00 1-452-094-00	C BOARD, COMPLETE SPRING BUSHING, CRT INSULATING COIL, DEGAUSSING HOLDER, COIL, DEGAUSSER NUT, SPECIAL RESISTOR ASSY, HIGH-VOLTAGE A BOARD, SUB, COMPLETE TUNER, ET (BT-883A) F BOARD, SUB, COMPLETE COVER, FUSE CLIP, LEAD WIRE MAGNET, DISK; 10MM Ø	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

3-3. CHASSIS

■: TA, BV3x8 7-685-646-71 ●: TA, BV3x12 7-685-648-71



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101 102	*A-1340-714-A A.1-439-332-41 A.1-215-066-21	D1 BOARD, COMPLETE TRANSFORMER ASSY, FLYBACK RES ASSY, HIGH-VOLTAGE		105		TERMINAL BOARD ASSY, ANTENNA D BOARD, SUB, COMPLETE	enfinish kecamanan di Marajar kebagai mereka

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



SECTION 4 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark $\underline{\Lambda}$ are critical for safety. Replace only with part number specified.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS • MF : μF, PF : μμF

RESISTORS • All resistors are in ohms

COILS • MMH : inH, UH : μH

• F : nonflammable

## A-1245-313-A F BOARD, SUB, COMPLETE CAPACITIOR CAPACITIOR CAPACITIOR CAPACITIOR COST, \$1.100-745-52 PMLAR 0.22F 20% 300V 10600 8-719-900-55 01000 R0125-82 20% 300V 10600 8-719-910-55 01000 R0125-82 20% 300V 10600 8-719-910-93 01000 R0125-82 300V 10600 8	Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description	Remark
CAPACITION	*A-1245-313 - A						DIO	DE	
C601	0.00								
Coco	CAP	ACTION				D603	8-719-815-55	DIODE 1S1555	
Coop	C602 A.1-108-745-62 C603 A.1-161-738-12	MYLAR CERAMIC	0.22MF 0.0047MF	20% 20%	300V 400V	D605	8-719-901-93	DIODE V19E	
Coordinate						D607	8-719-815-55	DIODE 1S1555	
Colin 1-125-318-00 Ciect(Block) 220MF 20% 400V 0653 8-719-901-93 0100E V19E 0654 8-719-901-93 0100E V19E 0654 8-719-901-93 0100E V19E 0654 8-719-901-93 0100E V19E 0654 8-719-901-93 0100E V19E 0655	C607 1-161-964-00 C608 A.1-161-964-61	CERAMIC CERAMIC	0.0047MF 0.0047MF	20%	250V 250V	D651	8-719-928-08	DIODE ERD28-08S	
Color				20%		D653	8-719-901-93	DIODE V19E	
Cold 1-123-369-00 ELECT 4.7MF 20% 25% 0655A 8-719-901-93 0100E V19E 0657 8-719-901-93 0100E V19E 0658 8-719-901-93 0100E V19E 0659 8-719-102-74 0100E V19E 0659 8-719-102-74 0100E V19E 0659 8-719-102-74 0100E V19E 0659 8-719-102-74 0100E V19E 0658 0100E V19E	C612 1-130-022-00	FILM	0.0022MF	5%	50V				
C616 1-123-369-00 ELECT	C614 1-123-369-00	ELECT	4.7MF	20%	25V				
C617 1-106-359-00 MYLAR 0.0047MF 10% 200V 0659 8-719-102-79 DIODE RD6.8E-N3 C618 1-102-030-00 CERAMIC 330PF 10% 500V 0660 8-719-815-55 DIODE 151555 C620 1-123-332-00 ELECT 47MF 20% 100V 0660 8-719-815-55 DIODE 151555 C621 1-123-332-00 ELECT 22MF 20% 100V 0663 8-719-102-74 DIODE RD6.2E-N2 C621 1-123-335-00 ELECT 22MF 20% 100V 0664 8-719-100-65 DIODE RD6.2E-N2 C622 1-123-335-00 ELECT 22MF 20% 100V 0664 8-719-100-65 DIODE RD6.2E-N2 C624 1-161-973-00 CERAMIC 220PF 10% 400V C626 1-123-339-00 ELECT 2.2MF 20% 50V F1 *1-506-349-21 3P PLUG (L) C626 1-123-380-00 ELECT 2.2MF 20% 50V F3 *1-508-785-00 3P PLUG (M) C628 1-108-618-91 MYLAR 0.0022MF 10% 100V F6 *1-560-123-00 PLUG, CONNECTOR 6P C632 1-102-002-00 CERAMIC 30PF 10% 300V F3 *1-564-883-11 PLUG, CONNECTOR 6P C634 1-100-175-81 MYLAR 0.022MF 20% 300V F7 *1-564-883-11 PLUG, CONNECTOR 6P C654 1-123-334-00 ELECT 1000MF 20% 25V C655 1-123-334-00 ELECT 1000MF 20% 160V F6 *1-564-883-11 PLUG, CONNECTOR 6P C655 1-123-334-00 ELECT 1000MF 20% 25V C656 1-123-334-00 ELECT 1000MF 20% 25V C657 1-123-334-00 ELECT 1000MF 20% 25V C658 1-123-334-00 ELECT 1000MF 20% 25V C659 1-123-334-00 ELECT 1000MF 20% 25V C659 1-123-334-00 ELECT 1000MF 20% 25V C659 1-123-334-00 ELECT 1000MF 20% 25V C660 1-123-336-00 ELECT 1000MF 20% 50V C661 1-123-338-00 ELECT 1000MF 20% 50V C661 1-123-338-00 ELECT 1000MF 20% 50V C661 1-123-334-00 ELECT 1000MF 20% 50V C661 1-123-334-00 ELECT 1000MF 20% 50V C661 1-123-334-00 ELECT 1000MF 20% 50V C661 1-123-336-00 CERAMIC 330PF 10% 50V C661 1-23-336-00 ELECT 1000MF 20% 50V C661 1-23-336-00 ELECT 1000MF 20% 50V C662 1-123-338-00 ELECT 1000MF 20% 50V C663 1-123-338-00 ELECT 100MF 20% 50V C664 1-123-338-00 ELECT 100MF 20% 50V C665 1-123-338-00 ELECT 100MF 20% 50V C666 1-123-330-00 ELECT 100MF 20% 50V C666 1-123-330-00 ELECT						D657	8-719-901-93	DIODE V19E	
C619	C617 1-106-359-00	MYLAR	0.0047MF	10%	200V				
C620						D660	8-719-815-55	DIODE 1S1555	
C621	C620 1-123-332-00	ELECT	47MF	20%	16V				
C623 1-161-973-00 CERAMIC 220PF 10% 400V CONNECTOR C624 1-161-973-00 CERAMIC 220PF 10% 400V F1 *1-506-349-21 3P PLUG (L) C625 1-123-339-00 ELECT 2.2MF 20% 50V F1 *1-508-765-00 3P PLUG (M) C626 1-123-380-00 ELECT 1MF 20% 50V F4 *1-508-765-00 3P PLUG (M) C627 1-123-380-00 CERAMIC 680PF 10% 500V F4 *1-508-765-00 3P PLUG (M) C632 1-108-618-91 MYLAR 0.0022MF 10% 500V F6 *1-560-123-00 PLUG, CONNECTOR (2.5MM) 3P C632 1-102-002-00 CERAMIC 680PF 10% 500V F7 *1-564-883-11 PLUG, CONNECTOR (2.5MM) 3P C633 1-108-745-62 MYLAR 0.22MF 20% 300V F7 *1-564-883-11 PLUG, CONNECTOR 6P C634 1-110-155-00 CERAMIC 330PF 20% 20% 20% 20% 20% 20% 20% 20% 20% 20%									
C624 1-161-973-00 ELECT						1	CON	NECTOR	
F2	C624 1-161-973-00	CERAMIC				 E1	*150634921	3P PLUG (L)	
C627 1-123-380-00 ELECT 1MF 20% 50V F4 *1-508-765-00 3P PLUG (M) C628 1-108-618-91 MYLAR 0.0022MF 10% 100V F6 *1-560-123-00 PLUG, CONNECTOR (2.5MM) 3P C632 1-102-002-00 CERAMIC 680PF 10% 500V C633 1-108-745-62 MYLAR 0.2MF 20% 300V F7 *1-564-883-11 PLUG, CONNECTOR 6P C634 1-110-175-81 MYLAR 0.1MF 10% 100 FUSE C651 1-102-155-00 CERAMIC 330PF 20% 2KV C652 1-124-347-00 ELECT 100MF 20% 160V F601 1.532-465-31 FUSE, TIME-LAG 3.15A C653 1-123-364-00 ELECT 1000MF 20% 25V 1-533-087-00 HOLDER, FUSE; F601 C654 1-123-606-00 ELECT 1000MF 20% 25V 1 1-533-087-00 HOLDER, FUSE; F601 C655 1-123-334-00 ELECT 220MF 20% 25V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0025 1-123-379-00	ELECT				F2	*1-508-765-00	3P PLUG (M)	
C628									
C633 A. 1-108-745-62 MYLAR	C628 1-108-618-91	MYLAR	0.0022MF			F6	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C651 1-102-155-00 CERAMIC 330PF 20% 2KV C652 1-124-347-00 ELECT 100MF 20% 150V 1-533-087-00 HOLDER, FUSE; F601 C653 1-123-364-00 ELECT 1000MF 20% 25V						F 7	*1-564-883-11	PLUG, CONNECTOR 6P	
C652 1-124-347-00 ELECT 100MF 20% 50V 1-533-087-00 HOLDER, FUSE; F601		MYLAR					FUS	<u>SE</u>	
C654 1-123-606-00 ELECT 100MF 20% 25V						F601 /			
C655 1-123-334-00 ELECT 220MF 20% 25V C656 1-102-038-00 CERAMIC 0.001MF 500V IC601 8-759-100-75 IC UPC1394C IC6024.8-719-800-82 D10DE TLP581 IC659 1-102-112-00 CERAMIC 330PF 10% 50V IC651 8-759-145-58 IC UPC4558C IC660 1-123-356-00 ELECT 10MF 20% 50V IC651 8-759-145-58 IC UPC4558C IC661 1-123-333-00 ELECT 10MF 20% 50V IC651 8-759-145-58 IC UPC4558C IC662 1-106-196-00 MYLAR 0.01MF 10% 100V IC601 1-407-365-00 IC691								HOLDER, FUSE; F601	
C656 1-102-038-00 CERAMIC 0.001MF 500V IC601 8-759-100-75 IC UPC1394C C658 1-123-332-00 ELECT 47MF 20% 16V IC602\(\hat{n}\) 8-719-800-82 D10DE TLP581 C659 1-102-112-00 CERAMIC 330PF 10% 50V IC651 8-759-145-58 IC UPC4558C C660 1-123-356-00 ELECT 10MF 20% 50V IC651 8-759-145-58 IC UPC4558C C660 1-123-333-00 ELECT 10MF 20% 50V IC651 8-759-145-58 IC UPC4558C C662 1-106-196-00 MYLAR 0.01MF 10% 100V L601 1-407-365-00 C0IL, CHOKE C663 1-123-380-00 ELECT 1MF 20% 50V L651 1-425-613-00 C0IL, AIR-CORE, QF TYPE C664 1-123-380-00 ELECT 1MF 20% 50V L652 1-459-442-00 C0IL (WITH CORE) C666 1-123-307-00 ELECT 1MF 20% 50V L652 1-459-442-00 C0IL (WITH CORE) C666 1-123-307-00 ELECT 100MF 20% 6.3V IC601 8-729-195-82 TRANSISTOR 2SC2958 Q602 8-729-301-00 TRANSISTOR 2SC2958	0655 1_123_334_00	FLECT	220MF	20%	25V	1	<u>IC</u>		
C659 1-102-112-00 CERAMIC 330PF 10% 50V IC651 8-759-145-58 IC UPC4558C C660 1-123-356-00 ELECT 10MF 20% 50V C0IL C661 1-123-333-00 ELECT 100MF 20% 16V C0IL C662 1-106-196-00 MYLAR 0.01MF 10% 100V L601 1-407-365-00 COIL, CHOKE C663 1-123-380-00 ELECT 1MF 20% 50V L651 1-425-613-00 COIL, AIR-CORE, QF TYPE C664 1-123-380-00 ELECT 1MF 20% 50V L652 1-459-442-00 COIL (WITH CORE) C666 1-123-307-00 ELECT 100MF 20% 6.3V TRANSISTOR C667 1-102-121-00 CERAMIC 0.0022MF 10% 50V G01 8-729-195-82 TRANSISTOR 2SC2958 Q602 8-729-301-00 TRANSISTOR 2SD1497-02	C656 1-102-038-00	CERAMIC	0.001MF		5000				
C661 1-123-333-00 ELECT 100MF 20% 16V C01L C01L C062 1-106-196-00 MYLAR 0.01MF 10% 100V L601 1-407-365-00 C0IL, CHOKE C663 1-123-380-00 ELECT 1MF 20% 50V L651 1-425-613-00 C0IL, AIR-CORE, QF TYPE C664 1-123-380-00 ELECT 1MF 20% 50V L652 1-459-442-00 C0IL (WITH CORE) C666 1-123-307-00 ELECT 100MF 20% 6.3V TRANSISTOR C667 1-102-121-00 CERAMIC 0.0022MF 10% 50V C668 8-729-301-00 TRANSISTOR 2SC2958 Q602 8-729-301-00 TRANSISTOR 2SD1497-02				10%	507				and the second
C661 1-123-333-00 ELECT 100MF 20% 16V C662 1-106-196-00 MYLAR 0.01MF 10% 100V L601 1-407-365-00 COIL, CHOKE C663 1-123-380-00 ELECT 1MF 20% 50V L651 1-425-613-00 COIL, AIR-CORE, QF TYPE C664 1-123-380-00 ELECT 1MF 20% 50V L652 1-459-442-00 COIL (WITH CORE) C666 1-123-307-00 ELECT 100MF 20% 6.3V TRANSISTOR C667 1-102-121-00 CERAMIC 0.0022MF 10% 50V C668 8-729-301-00 TRANSISTOR 2SC2958 Q602 8-729-301-00 TRANSISTOR 2SD1497-02	C660 1-123-356-00	ELECT	10MF	20%	50V		COI	IL	
C 663 1-123-380-00 ELECT									
C 666 1-123-307-00 ELECT 100MF 20% 6.3V TRANSISTOR C 667 1-102-121-00 CERAMIC 0.0022MF 10% 50V Q 601 8-729-195-82 TRANSISTOR 2SC 2958 Q 602 8-729-301-00 TRANSISTOR 2SD 1497-02	C663 1-123-380-00		1MF	20%	507	L651	1-425-613-00	COIL, AIR-CORE, QF TYPE	
C 667 1-102-121-00 CERAMIC 0.0022MF 10% 50V TRANSISTOR 2SC 2958 Q602 8-729-301-00 TRANSISTOR 2SD1497-02						L652 	1-459-442-00	COIL (WITH CORE)	
Q601							TRA	ANSISTOR	
	1-102-121-00	CERAPITC	0.0022191	10/6	301		8-729-301-00	TRANSISTOR 2SD1497-02	

										F		A
Ref.No. Part No.	Description				Rema	rk	Ref.No.	Part No.	Description			Remark
*4-368-683-01 Q603 8-729-245-83 Q604 8-729-204-83 Q651 8-729-109-53 *4-323-833-00	SPRING; Q602 TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S HEAT SINK, PI	A1048GI D795A					R666 R667 R668 R669 R670	1-215-144-00 1-215-126-81 1-215-778-91 1-215-166-00 1-215-746-91	METAL METAL	470 5% 82 5% 47K 5% 3.9K 5% 2.2K 5%	1/4W 1/4W 1/6W 1/4W 1/6W	
Q652 8-729-245-83	TRANSISTOR 2S	C2458						VAR	IABLE RESISTO	<u>IR</u>		
RES	ISTOR							1-228-720-00				
R601 Å.1-217-328-11	A 40 TANAN SEC. 1 184 A	2.7		7W	. F. %		RV652 	1-230-521-11		TAL GLAZE	2.2K	
R602 A.1-244-945-91 R603 A.1-217-310-11		1M 100	5% 10%	1/2W 5W	F	- 1 165		TRA	NSFORMER			
R604 A.1-247-289-11 R605 1-215-798-91	METAL	8.2M 330K	5% 5%	1W 1/6W			T602 ⚠ T603	.1-441-855-11 1-437-079-00	TRANSFORMER, TRANSFORMER, TRANSFORMER,	HEATER INS	SULATION DRIVE	
R606 1-215-770-91 R608 1-215-746-91	METAL METAL	22K 2.2K	5% 5%	1/6W 1/6W			⊺605 <u>∧</u> 	.1-421-652-11	TRANSFORMER,	FERRITE (S	SRT).	
R609 1-215-871-11 R611 1-215-776-91	METAL OXIDE METAL	2.2K 39K	5% 5%	1W 1/6W	F			THE	RMISTOR			
R612 A.1-215-904-51	METAL OXIDE	100K	5%	2W	F			1-800-944-00 1-800-944-00	THERMISTOR T THERMISTOR T			
R613 1-215-872-11 R614 1-216-458-11	METAL OXIDE METAL OXIDE	3.3K 1.8K	5% 5%	1W 2W	F F		THP601/	11-806-387-11	THERMISTOR (POSITIVE)		*
R615 1-205-793-00 R616 1-215-772-91	CEMENTED METAL	30K 27K	10% 5%	10W 1/6W			****** 	******	*****	******	*****	*****
R621 1-215-762-91		10K	5%	1/6W		ĺ	j +	*1-611-717-11	N BOARD			
R622 1-215-770-91 R623 1-215-162-00 R624 1-215-754-91 R625 1-215-786-91	METAL METAL METAL METAL	22K 2.7K 4.7K 100K	5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W				*4-342-117-00 *4-342-118-00		(MAIN), R CASE, R		
R625 1-215-786-91 R626 1-215-150-00	METAL	820	5%	1/4W		į		CAP	ACITOR			
R627 1-215-722-91	METAL METAL	220 270K	5% 5%	1/6W 1/6W		į	C1 C2	1-123-611-00 1-123-613-00	ELECT ELECT	1MF 3.3MF	20 % 20 %	50V 50V
R628 1-215-796-91 R629 1-215-758-91	METAL	6.8K	5%	1/6W		ļ	C3	1-102-112-00	CERAMIC	330PF	10%	50 V
R630 1-215-112-00 R631 1-205-728-00	METAL CEMENTED	22 47	5% 10%	1/4W 7W			C4	1-123-821-00	ELECT	47MF	20%	16V
R632 1-217-192-00	WIREWOUND		10%	2W	F		0.1	<u>DIO</u>				
R633 1-215-798-91 R634 1-215-800-91	METAL METAL	330K 390K	5% 5%	1/6W 1/6W			D1	8-719-110-32	DIODE SH305R			
R635 1-215-756-91 R636 1-215-803-91	METAL METAL	5.6K 510K	5% 5%	1/6W 1/6W				<u>1C</u>				
R637 1-215-770-91	METAL	22K	5%	1/6W		 	IC1	8-752-010-60				
R638 1-215-747-91 R639 1-215-754-91	METAL METAL	2.4K 4.7K	5% 5%	1/6W 1/6W				RES	ISTOR			
R640 A.1-215-200-81 R641 A.1-215-200-81	METAL METAL	100K 100K	5% 5%	1/4W 1/4W			R1 R2	1-247-799-00 1-247-775-00	CARBON CARBON	47 5% 4.7 5%	1/6W 1/6W	
R651 1-216-455-11	METAL OXIDE	560	5%	2W	F		R3 R4	1-214-784-00 1-247-863-00	METAL CARBON	200K 1% 22K 5%	1/4W 1/6W	
R652 1-216-430-11 R653 1-215-754-91	METAL OXIDE METAL	390 4.7K	5% 5%	1W 1/6W	F	ĺ	*****	*****	*****			****
R654 1-216-464-11 R659 1-215-865-11	METAL OXIDE METAL OXIDE	18K 220	5% 5%	2W 1W	F F	i	*	A-1296-015-A	A BOARD. SUB	. COMPLETE		
R660 1-216-370-11	METAL OXIDE	1.2	5%	2W	F	į			*****			
R662 1-215-776-91 R663 1-215-764-91	METAL METAL	39K 12K	5% 5%	1/6W 1/6W		į		4-368-692-11 4-368-693-11	CASE (MAIN), CASE (UPPER		D	
R664 1-215-200-00 R665 1-215-753-91	METAL	100K 4.3K	5% 5%	1/4W 1/6W		į I	*	4-368-694-11	CASE (BOTTOM			

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

KV-2764EC RM-635



Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
A1 A2 A3	*1-564-880-31 *1-560-126-00 *1-564-889-11	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM)	6P		C151 C152 C153 C154 C155	1-101-004-00 1-101-004-00 1-123-356-00 1-101-004-00 1-123-332-00	CERAMIC CERAMIC ELECT CERAMIC ELECT	0.01MF 0.01MF 10MF 0.01MF 47MF	20 % 20 %	50V 50V 16V 50V 16V
	CAP	ACITOR				C156	1-123-306-00	ELECT	47MF	20%	10V
C102	1-123-586-00	ELECT	0.1MF	20%	50V	C157 C158	1-123-306-00 1-123-379-00	ELECT ELECT	47MF 0.47MF	20 % 20 %	10V 50V
C104 C105	1-123-356-00 1-123-356-00	ELECT ELECT	10MF 10MF	20% 20%	16V 16V	C159 C160	1-102-816-00 1-102-125-00	CERAMIC CERAMIC	120PF 0.0047MF	5%	50 v
C106	1-123-323-00	ELECT	470MF	20%	16V	İ				10%	50V
C107	1-123-330-00	ELECT	22MF	20%	16V	C164 C165	1-108-620-91 1-108-620-91	MYLAR MYLAR	0.0033MF 0.0033MF	10% 10%	100V 100V
C108	1-136-163-00	FILM	0.068MF	5%	50V	C167	1-108-620-91	MYLAR	0.0033MF	10%	100V
C109 C110	1-136-163-00 1-102-963-00	FILM CERAMIC	0.068MF 33PF	5% 5%	50V 50V	C168 C169	1-108-620-91 1-123-356-00	MYLAR ELECT	0.0033MF 10MF	10% 20%	100V 16V
C111	1-123-318-00	ELECT	33MF	20%	167	1 0103	1-123-330-00	LLLOT	1000	20%	104
C112	1-102-530-00	CERAMIC	120PF	5%	50V	C170	1-123-356-00	ELECT	10MF	20%	16V
			4.00.	F.4		C171	1-123-318-00	ELECT	33MF	20%	16V
C113	1-102-530-00	CERAMIC	120PF	5%	50V	C172	1-123-379-00	ELECT	0.47MF	20%	50V
C114	1-102-851-00	CERAMIC	15PF	5% 5~	50V	C173	1-123-379-00	ELECT	0.47MF	20%	50V
C115 C116	1-102-518-00 1-102-125-00	CERAMIC CERAMIC	33PF 0.0047MF	5% 10%	50V 50V	C174	1-106-196-00	MYLAR	0.01MF	10%	100V
C117	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C175	1-106-196-00	MYLAR	0.01MF	10%	100V
0117	1-102-123-00	CERMITO	0.0047111	10/6	301	C176	1-123-380-00	ELECT	1MF	20%	50V
C118	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C177	1-123-380-00	ELECT	1MF	20%	50V
C119	1-108-603-00	MYLAR	0.1MF	5%	50V	C179	1-123-369-00	ELECT	4.7MF	20%	25V
C120	1-102-125-00	CERAMIC	0.0047MF	10%	50V	C180	1-108-620-91	MYLAR	0.0033MF	10%	100v
C122	1-123-330-00	ELECT	22MF	20%	16V	İ					
C123	1-102-108-00	CERAMIC	150PF	10%	50V	C181	1-123-318-00	ELECT	33MF	20%	16V
						C182	1-123-307-00	ELECT	100MF	20%	100
C124	1-104-069-00	POLYSTYRENE	470PF	5%	50V	C183	1-101-361-00	CERAMIC	150PF	5%	50V
C126	1-123-318-00	ELECT	33MF	20%	16V	C184	1-102-973-00	CERAMIC	100PF	5%	50V
C127 C128	1-102-125-00	CERAMIC	0.0047MF	10%	50V 50V	C186	1-102-121-00	CERAMIC	0.0022MF	10%	50V
C128	1-101-004-00 1-101-004-00	CERAMIC CERAMIC	0.01MF 0.01MF		50V 50V	 C188	1-102-125-00	CERAMIC	0.0047MF	10%	50V
C130				10%					0.0047111	10%	J0 V
C131	1-102-125-00 1-123-381-00	CERAMIC ELECT	0.0047MF 2.2MF	20%	50V 50V	1		CRIMINATOR			
C132	1-102-125-00	CERAMIC	0.0047MF	10%	50V	CD151	1-404-501-00	DISCRIMINATO	R, CERAMIC		
C133 C134	1-102-125-00 1-102-125-00	CERAMIC CERAMIC	0.0047MF 0.0047MF	10% 10%	50V 50V	!	FIL	TER			
C135	1-102-525-00	CERAMIC	68PF	5%	50V	 CE101	1-527-840-00	ETITED CEDA	MIC		
C136	1-102-525-00	CERAMIC	68PF	5%	50V		1-404-134-00				
C137	1-102-125-00	CERAMIC	0.0047MF	10%	50V		1-527-839-00				
C138	1-123-380-00	ELECT	1MF	20%	50V			, 1272m, 02m			
C139	1-102-125-00	CERAMIC	0.0047MF	10%	50V	İ	DIO	DE			
C140	1-102-125-00	CERAMIC	0.0047MF	10%	50 V	D101	8-719-911-19	DIODE 1SS119			
C141	1-123-318-00	ELECT	33MF	20%	16V	D102	8-719-911-19	DIODE 1SS119			
C142	1-102-525-00	CERAMIC	68PF	5%	50V	D103	8-719-102-71	DIODE RD5.6E	-N2		
C143	1-101-004-00	CERAMIC	0.01MF		50 V	D104	8-719-911-19	DIODE 1SS119			
C144	1-123-286-00	ELECT	0.33MF	20%	50 v	D105	8-719-911-19	DIODE 1SS119			
C145	1-102-961-00	CERAMIC	27PF	5%	50V	D151	8-719-911-19	DIODE 1SS119			
C146	1-123-380-00	ELECT	1MF	20%	500	D152	8-719-911-19	DIODE 1SS119			
C147	1-130-072-00	FILM	0.022MF	2%	1000	D153	8-719-911-19	DIODE 1SS119			
C148	1-108-622-91	MYLAR	0.0047MF	10%	1000	D154	8-719-911-19	DIODE 188119			
C149	1-102-529-00	CERAMIC	100PF	5%	50 v	D170	8-719-911-19	DIODE 1SS119			
C150	1-102-852-00	CERAMIC	47PF	5%	50 V	D171	8-719-911-19	DIODE 1SS119			



Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description				Remark
IC101 8-759-909-08 IC102 8-759-909-54 IC103 8-759-602-16 IC151 8-759-007-54	IC M54572L		R110 R111 R112 R113 R114	1-249-421-11 1-247-847-00 1-247-827-00 1-247-845-00 1-247-815-00	CARBON CARBON CARBON CARBON CARBON	2.2K 4.7K 680 3.9K 220	5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
IC152 8-759-007-55 COI	IČ TDA4944 <u>L</u>		R115 R116 R117	1-247-823~00 1-247-803-00	CARBON CARBON CARBON	1.5K 470 68	5% 5% 5%	1/6W 1/6W 1/6W	
L101 1-404-476-00 L102 1-404-476-00 L103 1-408-399-00	COIL, IF COIL, IF		R118 R119	1-247-817-00 1-247-823-00 1-249-437-11	CARBON CARBON	270 470 47K	5% 5% 5%	1/6W 1/6W 1/6W	
L104 1-408-406-00 L105 1-404-477-00	MICRO INDUCTOR 5.6UH COIL, IF		R120 R122 R125 R126	1-249-437-11 1-249-429-11 1-247-829-00 1-247-829-00	CARBON CARBON CARBON	10K 820 820	5% 5% 5%	1/6W 1/6W 1/6W	
L106 1-404-493-00 L107 1-404-493-00 L109 1-408-409-00	COIL COIL MICRO INDUCTOR 10UH		R127	1-247-829-00 1-247-903-00	CARBON CARBON	820 1M	5% 5%	1/6W 1/6W	
L110 1-408-406-00 L111 1-404-493-00 L113 1-408-226-00	MICRO INDUCTOR 5.6UH COIL		R131 R132 R134	1-249-437-11 1-249-429-11 1-247-875-00 1-247-873-00	CARBON CARBON CARBON CARBON	47K 10K 68K 56K	5% 5% 5% 5%	1/6W 1/6W 1/6W	
L114 1-407-489-00 L116 1-408-406-00 L117 1-408-428-00 L170 1-408-247-00	MICRO INDUCTOR 560UH MICRO INDUCTOR 5.6UH MICRO INDUCTOR 390UH MICRO INDUCTOR 33MMH		R136 R137 R140	1-247-863-00 1-247-863-00 1-247-831-00		22K 22K 1K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
L171 1-408-408-00	MICRO INDUCTOR 8.2UH		R141 R142	1-247-859-00 1-247-879-00		15K 100K	5% 5%	1/6W 1/6W	
TRA	NSISTOR		R143	1-247-879-00	CARBON CARBON	100K 3.9K	5%	1/6W	
Q101 8-729-245-83 Q102 8-729-105-47 Q103 8-729-204-83 Q104 8-729-900-36	TRANSISTOR 2SC2458 TRANSISTOR 2SC2026-L TRANSISTOR 2SA1048GR TRANSISTOR DTC124ES		R145 R146 R151	1-247-845-00 1-247-845-00 1-247-847-00 1-247-829-00	CARBON CARBON CARBON	3.9K 3.9K 4.7K 820	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q105 8-729-204-83 Q151 8-729-245-83 Q152 8-729-245-83 Q153 8-729-245-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458 TRANSISTOR 2SC2458 TRANSISTOR 2SC2458		R152 R153 R154 R155 R156	1-247-869-00 1-247-821-00 1-247-807-00 1-247-863-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	39K 390 100 22K 82K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
Q154 8-729-900-89 Q155 8-729-245-83	TRANSISTOR DTC144ES TRANSISTOR 2SC2458		 R157 R158	1-247-847-00 1-247-847-00	CARBON CARBON	4.7K 4.7K	5% 5%	1/6W 1/6W	
Q156 8-729-245-83 Q157 8-729-900-89 Q158 8-729-900-89 Q172 8-729-204-83	TRANSISTOR DTC144ES TRANSISTOR DTC144ES TRANSISTOR 2SA1048GR		R159 R160 R161	1-247-847-00 1-247-847-00 1-247-831-00	CARBON CARBON CARBON	4.7K 4.7K 1K	5% 5% 5%	1/6W 1/6W 1/6W	
Q173 8-729-245-83 Q174 8-729-245-83 Q175 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SC2458 TRANSISTOR 2SC2458		R162 R166 R167 R168	1-247-843-00 1-247-867-00	CARBON CARBON CARBON CARBON	1K 3.3K 33K 22K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
RES	ISTOR		R172	1-247-813-00	CARBON	180	5%	1/6W	
R101 1-247-831-00 R102 1-247-831-00 R105 1-247-853-00 R106 1-247-843-00 R107 1-247-843-00	CARBON 1K 5% 1/6W CARBON 1K 5% 1/6W CARBON 8.2K 5% 1/6W CARBON 3.3K 5% 1/6W		R173 R174 R175 R176 R177	1-249-437-11 1-247-889-00 1-249-434-11 1-247-831-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	47K 270K 27K 1K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R108 1-247-891-00 R109 1-249-421-11	CARBON 3.3K 5% 1/6W CARBON 330K 5% 1/6W CARBON 2.2K 5% 1/6W		R178 R179 R180	1-249-429-11 1-249-429-11 1-247-831-00	CARBON CARBON CARBON	10K 10K 1K	5% 5% 5%	1/6W 1/6W 1/6W	

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description				Remark
R181 1-247-833-00 R182 1-249-421-11 R183 1-247-831-00 R184 1-247-817-00 R185 1-247-819-00	CARBON CARBON CARBON	1.2K 2.2K 1K 270 330		W W W	C760 C761 C762	1-123-382-00 1-101-006-21 1-106-196-00	CERAMIC MYLAR	33MF 0.047 0.01M	MF	20% 10%	50V 50V 100V
R188 1-247-859-00 R191 1-247-825-00 R192 1-247-825-00 R193 1-247-807-00	CARBON CARBON CARBON	15K 560 560 100	5% 1/6 5% 1/6 5% 1/6 5% 1/6	W	D701 D702 D703 D704 D705	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119)))			
	RIABLE RESISTO				D706	8-719-911-19					
RV101 1-228-727-00 RV151 1-228-726-00	RES, ADJ, CE	ERAMIC CA ERAMIC CA	ARBON 47K ARBON 33K		D707 D708 D709	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119))			
	TER CALL				D710	8-719-100-68					
SWF101 1-404-438-00	-				D711 		DIODE 1SS119	1			
TUN						COI	_				
TU101.1-463-577-11					1	1-408-413-00	MICRO INDUCT	OR 22UH	1		
******			*****	******	† 	-	NSISTOR				
*A-1330-616-A	C BOARD, COM				Q701 Q702 Q703	8-729-255-12 8-729-255-12 8-729-255-12	TRANSISTOR 2	SC2551			
1-526-644-41	SOCKET, CRT				0704 0705	8-729-326-11 8-729-326-11	TRANSISTOR 2	SC 2611			
<u>CO</u> 1	NECTOR				Ì						
C1 *1-508-765-00 C2 *1-564-879-11 C3 *1-564-880-31 C4 *1-564-883-11 C5 *1-508-766-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR 3P			Q706 Q707 Q708 Q709 Q710	8-729-326-11 8-729-200-17 8-729-200-17 8-729-200-17 8-729-204-83	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1091 SA1091 SA1091	GR		
CAF	PACITOR				Q711 Q712	8-729-204-83 8-729-204-83	TRANSISTOR 2	SA10480	GR		
C701 1-102-116-00 C702 1-102-116-00 C703 1-102-116-00	CERAMIC	680PF 680PF 680PF	10% 10% 10%	50V 50V 50V	Q713 Q714 Q751	8-729-204-83 8-729-900-36 8-729-245-83	TRANSISTOR D	TC124ES			
C704 1-102-936-00 C705 1-102-936-00	CERAMIC	3PF 3PF	0.25	PF 50V PF 50V	Q752 Q753 Q754	8-729-245-83 8-729-103-43 8-729-177-43	TRANSISTOR 2	SB734			
C 706 1-102-936-00 C 708 1-123-333-00		3PF 100MF	0.25 20%	PF 50V 25V			ISTOR				
C 709 1-102-820-00 C 711 1-101-880-00 C 712 1-101-880-00	CERAMIC CERAMIC	330PF 47PF 47PF	5% 5% 5%	50V 50V 50V	 R701 R702	1-215-899-11 1-215-899-11	METAL OXIDE	15K 15K	5% 5%	2W 2W	F F
C713 1-101-880-00 C715 1-123-330-00 C741 1-102-223-00	CERAMIC ELECT	47PF 22MF	5% 20%	50V 16V	R703 R704 R705	1-215-899-11 1-247-131-00 1-247-131-00	METAL OXIDE CARBON CARBON	15K 1K 1K	5% 5% 5%	2W 1/4W 1/4W	F F F
C 741 1-102-223-00 C 742 1-102-249-00 C 751 1-101-361-00	CERAMIC CERAMIC CERAMIC	0.0047N 680PF 150PF	1F 10% 20% 5%	2KV 2KV 50V	R706 R707 R708	1-247-131-00 1-247-847-00 1-247-847-00	CARBON CARBON CARBON	1K 4.7K 4.7K	5% 5%	1/4W 1/6W	F
C 752 1-108-617-91 C 753 1-106-196-00 C 757 1-106-220-00	MYLAR MYLAR MYLAR	0.0018N 0.01MF 0.1MF	10% 10% 10%	100V 100V 100V	R708 R709 R710	1-247-847-00 1-247-847-00 1-214-784-00	CARBON CARBON METAL	4.7K 4.7K 200K	5% 5% 1%	1/6W 1/6W 1/4W	
C759 1-123-356-00	ELECT	10MF	20%	50V	R711	1-214-784-00	METAL	200K	1%	1/4W	

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



Ref.No. Part No.	Description				Remark	Ref.No.	. Part No.	Description			Remark
R712 1-214-784 R713 1-247-853 R714 1-247-853 R715 1-247-854	-00 CARBON -00 CARBON	200K 8.2K 8.2K 9.1K	1% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W		 SG701 SG702	SPA 1-519-063-XX 1-519-063-XX	RK GAP DISCHARGING DISCHARGING			
R716 1-247-725	-11 CARBON	10K	5%	1/4W		SG703	1-519-063-XX	DISCHARGING			
R717 1-247-725 R718 1-247-725		10K 10K	5% 5%	1/4W 1/4W		*****	******	******	*****	*****	*****
R719 1-247-833 R720 1-247-833 R721 1-247-833	-00 CARBON -00 CARBON	1.2K 1.2K 1.2K	5% 5% 5%	1/6W 1/6W 1/6W		 	*A-1340-714-A	******			
R722 1-247-843	-00 CARBON	3.3K	5%	1/6W			CAP	ACITOR			
R723 1-247-843 R724 1-247-843 R725 1-214-960 R726 1-214-960	-OO CARBON -OO CARBON -OO METAL	3.3K 3.3K 820K 680K	5% 5% 1% 1%	1/6W 1/6W 1/4W 1/4W		C1554 C1555 C1556	1-123-380-00 1-123-330-00 1-123-356-00 1-124-009-11 1-123-382-00		1MF 22MF 10MF 47MF 3.3MF	20% 20% 20% 20% 20%	50V 16V 16V 25V 50V
R727 1-214-952 R730 1-215-890 R731 1-249-429 R732 1-247-837 R733 1-247-827	-11 METAL OXIDE -11 CARBON -00 CARBON	330K 470 10K 1.8K 680	1% 5% 5% 5% 5%	1/4W 2W 1/6W 1/6W 1/6W	F	C1559	1-124-661-11 1-106-208-00 1-106-192-00 1-108-637-00	ELECT MYLAR MYLAR MYLAR	100MF 0.033MF 0.0068MF 0.082MF	20% 10% 10% 10%	50V 100V 100V 100V
				•			1-123-356-00	ELECT	10MF	20%	16V
R734 1-249-419 R741 1-207-458 R742 1-202-814 R743 1-202-719 R744 1-202-843	-00 WIREWOUND -91 SOLID -00 SOLID	1.5K 0.39 33K 1M 270K	5% 10% 10% 10% 10%	1/6W 1/2W 1/2W 1/2W 1/2W		C1564 C1565 C1567	1-108-630-91 1-129-701-00 1-108-622-91 1-106-196-00	FILM MYLAR MYLAR	0.022MF 0.01MF 0.0047MF 0.01MF	10% 5% 10% 10%	100V 100V 100V 100V
R745 1-202-842 R746 1-202-824 R747 1-202-824 R748 1-202-824 R751 1-247-833	-00 SOLID -00 SOLID -00 SOLID	220K 3.3K 3.3K 3.3K 1.2K	10% 10% 10% 10% 5%	1/2W 1/2W 1/2W 1/2W 1/6W		i C1569 C1570 C1571 C1573		ELECT MYLAR MYLAR MYLAR ELECT	0.022MF 0.01MF 0.001MF	20% 10% 10% 10% 20%	16V 100V 100V 100V 50V
R752 1-247-849 R753 1-247-825 R754 1-249-434 R755 1-247-807 R756 1-249-419	-00 CARBON -11 CARBON -00 CARBON	5.6K 560 27K 100 1.5K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		C15/4 D19	1-106-212-00 <u>CON</u> *1-562-370-21 DIO	NECTOR CONNECTOR, B	0.047MF OARD TO BOA	10% RD 18P	100V
R757 1-247-807		100	5 %	1/6W		01550					
R758 1-247-815 R760 1-247-819		220 330	5% 5%	1/6W 1/6W		1 01552	8-719-911-19	DIODE 122113			
R761 1-249-429 R762 1-247-895		10K 470K	5% 5%	1/6W 1/6W		<u> </u>	<u>IC</u>				
R763 1-249-429	-11 CARBON	10K	5%	1/6W		IC1553	8-759-905-39	IC TDA1082			
R764 1-246-981	-00 CARBON	4.7	5%	1/8W		ļ	COI	<u>L</u>			
R765 1-246-981		4.7	5%	1/8W			1 400 040 00				
	-00 CARBON -00 CARBON	1.2K 1.8K		1/6W 1/6W			1-408-242-00 1-408-247-00				
R768 1-216-449	-11 METAL OXIDE	56	5%	2W	Ē	L1553	1-407-509-00 1-408-245-00	MICRO INDUCT	OR 27MMH		
R769 1-217-403	-00 FUSIBLE	220	5%	1/4W	F		TRA	NSISTOR			
	VARIABLE RESISTO	<u>OR</u>				01552	8-729-103-43		SR721		
RV702 1-228-723	-00 RES, ADJ, CE -00 RES, ADJ, CE -11 RES, ADJ, ME	RAMIC C	ARBON	4.7K			8-729-103-43 8-729-195-82				
						1					

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.

KV-2764EC RM-635



Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
RE	SISTOR				<u> </u>	CAF	AC I TOR			
R1554 1-247-718-11 R1555 1-247-815-00 R1556 1-247-161-00 R1557 1-247-861-00 R1558 1-247-145-00	CARBON CARBON CARBON	2.7K 5% 220 5% 18K 5% 18K 5% 3.9K 5%	1/4W 1/6W 1/4W 1/6W 1/4W		C001 C002 C003 C004 C005	1-123-307-00 1-123-381-00 1-102-973-00 1-108-603-00 1-123-356-00		100MF 2.2MF 100PF 0.1MF 10MF	20% 20% 5% 5% 20%	10V 50V 50V 50V 50V
R1559 1-246-486-00 R1560 1-247-815-00 R1561 1-247-702-11 R1562 1-247-161-00 R1563 1-247-787-00	CARBON CARBON CARBON	3.6K 5% 220 5% 150 5% 18K 5% 15 5%	1/4W 1/6W 1/4W 1/4W 1/6W		C006 C007 C008 C009 C010	1-102-959-00 1-102-963-00 1-123-356-00 1-102-114-00 1-123-369-00	CERAMIC CERAMIC ELECT CERAMIC ELECT	22PF 33PF 10MF 470PF 4.7MF	5% 5% 20% 10% 20%	50V 50V 50V 50V 25V
R1564 1-249-429-11 R1565 1-216-451-11 R1567 1-247-725-11 R1568 1-247-809-00 R1569 1-216-423-11	CARBON METAL OXIDE CARBON CARBON METAL OXIDE	10K 5% 120 5% 10K 5% 120 5% 27 5%	1/4W 1/6W	F	C011 C012 C015 C016	1-124-253-00 1-101-004-00 1-123-381-00 1-101-810-00 1-123-306-00	ELECT CERAMIC ELECT CERAMIC ELECT	0.47MF 0.01MF 2.2MF 100PF 47MF	20% 20% 5% 20%	50V 50V 50V 500V 10V
R1570 1-247-242-00 R1571 1-215-865-11 R1572 1-247-803-00 R1573 1-247-891-00 R1575 1-247-109-00	METAL OXIDE CARBON CARBON	1.2K 5% 220 5% 68 5% 330K 5% 120 5%	1/2W 1W 1/6W 1/6W 1/4W	F	C017A C018 C019 C020	1-123-307-00 1-106-220-00 1-123-306-00 1-102-112-00 1-161-377-00	CERAMIC	100MF 0.1MF 47MF 330PF 0.0047MF	20% 10% 20% 10% 20%	10V 100V 10V 50V
R1576 1-247-831-00 R1577 1-247-153-00 R1578 1-247-895-00 R1579 1-249-434-11 R1580 1-247-897-00	CARBON CARBON CARBON	1K 5% 8.2K 5% 470K 5% 27K 5% 560K 5%	1/6W 1/4W 1/6W 1/6W 1/6W		C026 C201 C202 C203 C204	1-102-074-00 1-102-114-00 1-102-074-00 1-123-380-00 1-102-114-00	CERAMIC CERAMIC CERAMIC ELECT CERAMIC	0.001MF 470PF 0.001MF 1MF 470PF	10% 10% 10% 20% 10%	50V 50V 50V 50V 50V
R1583 1-247-171-00 R1586 1-247-805-00 <u>VAI</u>		47K 5 % 82 5 %	1/4W 1/6W	,	C205 C206 C207 C208 C209	1-123-379-00 1-102-074-00 1-123-380-00 1-123-332-00 1-106-212-00	ELECT CERAMIC ELECT ELECT MYLAR	0.47MF 0.001MF 1MF 47MF 0.047MF	20% 10% 20% 20% 10%	50V 50V 50V 16V 100V
RV1551 1-226-771-00 RV1552 1-228-719-00 RV1553 1-228-720-00 RV1554 1-228-724-00 RV1555 1-228-718-00 RV1557 1-228-718-00	RES, ADJ, MET RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER	AMIC CARBON AMIC CARBON AMIC CARBON AMIC CARBON	470 1K 10K 330		C210 C211 C212 C213 C214	1-108-614-91 1-123-380-00 1-123-369-00 1-123-356-00	MYLAR ELECT ELECT ELECT ELECT	0.001MF 1MF 4.7MF 10MF 10MF	10% 20% 20% 20% 20%	100V 50V 50V 16V 16V
RV1559 1-228-724-00 RV1560 1-228-728-00 RV1561 1-228-728-00 RV1562 1-228-725-00	RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER	AMIC CARBON AMIC CARBON AMIC CARBON	10K 100K 100K		C215 C216 C217 C218 C219	1-123-356-00 1-123-356-00 1-102-074-00 1-106-208-00 1-123-356-00	ELECT ELECT CERAMIC MYLAR ELECT	10MF 10MF 0.001MF 0.033MF 10MF	20% 20% 10% 10% 20%	16V 16V 50V 100V 16V
THE	ERMISTOR				C220	1-106-212-00	MYLAR	0.047MF	10%	100V
TH1551 1-800-625-00 TH1552 1-806-110-00	THERMISTOR	*****	*****	*****	C221 C222 C223 C224		MYLAR ELECT	0.001MF 330MF 1MF 1MF	10% 10% 20% 20% 20%	100V 100V 16V 50V 50V
*A-1345-536-A	D BOARD, SUB,				C225	1-123-322-00		330MF	20%	16V
4-303-483-00	HEAD, WASHER,		REW		C226 C227 C228 C229	1-123-330-00 1-123-330-00 1-102-945-00 1-102-108-00	ELECT ELECT CERAMIC CERAMIC	22MF 22MF 8PF 150PF	20% 20% 1PF 10%	16V 16V 50V 50V
				i	C230	1-106-208-00	MYLAR	0.033MF	10%	100V



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C 231 C 232	1-123-333-00 1-123-330-00	ELECT ELECT	100MF 22MF	20% 20%	16V 16V	C327 C328	1-121-705-00 1-102-973-00	ELECT CERAMIC	2.2MF 100PF	30 % 5 %	25V
C 233	1-102-114-00	CERAMIC	470PF	10%	50 v	C329	1-101-004-00	CERAMIC	0.01MF	376	50V 50V
C 234 C 235	1-123-379-00 1-123-330-00	ELECT ELECT	0.47MF 22MF	20% 20%	50V 16V	C331 C332	1-161-330-00 1-101-880-00	CERAMIC CERAMIC	0.01MF 47PF	30% 5%	25V 50V
						İ					
C 236 C 237	1-102-114-00 1-123-379-00	CERAMIC ELECT	470PF 0.47MF	10% 20%	50V 50V	C333 C334	1-123-356-00 1-123-356-00	ELECT ELECT	10MF 10MF	20% 20%	16V 16V
C 238 C 239	1-108-603-00 1-108-603-00	MYLAR MYLAR	0.1MF 0.1MF	5% 5%	50V 50V	C336	1-102-858-00 1-102-888-00	CERAMIC CERAMIC	10PF 150PF	0.5PF	50V
C 240	1-108-603-00	MYLAR	0.1MF	5%	50 V	C338	1-102-884-00	CERAMIC	33PF	5% 5%	50 v 50 v
C 241	1-123-333-00	ELECT	100MF	20%	16V	! C339	1-102-959-00	CERAMIC	22PF	5%	50V
C 243 C 244	1-123-332-00	ELECT	47MF 470PF	20% 10%	16V 50V	C340	1-102-945-00	CERAMIC	8PF	1PF	50 V
C 244	1-102-114-00 1-102-114-00	CERAMIC CERAMIC	470PF	10%	50 V	C341 C342	1-102-947-00 1-102-676-00	CERAMIC CERAMIC	10PF 68PF	5% 5%	50V 50V
C 272	1-108-603-00	MYLAR	0.1MF	5%	50 V	C343	1-102-973-00	CERAMIC	100PF	5%	50 v
C273	1-123-359-00	ELECT	47MF	20%	50V	C344	1-123-379-00	ELECT	0.47MF	20%	50 V
C 274 C 276	1-123-364-00 1-123-359-00	ELECT ELECT	1000MF 47MF	20% 20%	50V 50V	C346 C347	1-123-333-00 1-108-622-91	ELECT MYLAR	100MF 0.0047MF	20% 10%	16V 100V
C277	1-108-603-00	MYLAR	0.1MF	5%	50V	C348	1-123-379-00	ELECT	0.47MF	20%	50 V
C 278	1-123-349-00	ELECT	1000MF	20%	35 V	C501 	1-108-630-91	MYLAR	0.022MF	10%	100V
C 279 C 280	1-123-343-00 1-123-349-00	ELECT ELECT	33MF 1000MF	20 % 20 %	25V 35V	C502 C503	1-136-171-00 1-136-171-00	FILM FILM	0.33MF 0.33MF	5% 5%	50V 50V
C 281	1-123-360-00	ELECT	100MF	20%	50 V	C504	1-102-108-00	CERAMIC	150PF	10%	50V 50V
C 282 C 283	1-101-005-00 1-101-005-00	CERAMIC CERAMIC	0.022MF 0.022MF		50V 50V	C505 C506	1-123-380-00 1-123-330-00	ELECT ELECT	1MF 22MF	20% 20%	50V
				100							16V
C 284 C 285	1-102-106-00 1-102-106-00	CERAMIC CERAMIC	100PF 100PF	10% 10%	50V 50V	C507 C508	1-106-224-00 1-123-356-00	MYLAR ELECT	0.15MF 10MF	10% 20%	100V 16V
C 288	1-108-630-91	MYLAR	0.022MF	10%	100V	C509	1-123-369-00	ELECT	4.7MF	20%	25 V
C 289 C 290	1-108-630-91 1-123-343-00	MYLAR ELECT	0.022MF 33MF	10% 20%	100V 25V	C510 C511	1-123-323-00 1-123-379-00	ELECT ELECT	470MF 0.47MF	20% 20%	16V 50V
C 291	1-123-343-00	ELECT	33MF	20%	25 V	C512	1-106-220-00	MYLAR	0.1MF	10%	100 v
C301	1-102-944-00	CERAMIC	7PF	1PF	50 v	C513	1-130-023-00	FILM	0.0027MF	5%	50V
C302 C303	1-102-944-00 1-102-951-00	CERAMIC CERAMIC	7PF 15PF	1PF 5%	50V 50V	C514 C515	1-123-332-00 1-106-220-00	ELECT MYLAR	47MF 0.1MF	20% 10%	16V 100V
C 304	1-102-816-00	CERAMIC	120PF	5%	50V	C516	1-123-357-00	ELECT	22MF	20%	50V
C 308	1-123-356-00	ELECT	10MF	20%	16V	C517	1-102-030-00	CERAMIC	330PF	10%	500V
C309 C311	1-123-380-00 1-123-323-00	ELECT ELECT	1MF 470MF	20 % 20 %	50V 16V	C518 C519	1-129-742-00 1-123-931-00	FILM ELECT	0.018MF	10% 20%	400V
C312	1-123-286-00	ELECT	0.33MF	20%	50V	C520	1-106-182-00	MYLAR	3.3MF 0.0027MF	10%	160V 100V
C313	1-123-356-00	ELECT	10MF	20%	25V	C521	1-102-157-00	CERAMIC	560PF	10%	500V
C314 C315	1-123-381-00 1-123-381-00	ELECT ELECT	2.2MF 2.2MF	20% 20%	50V 50V	C522 C523	1-123-318-00	ELECT	33MF	20%	160
C316		MYLAR	0.0047MF	10%	100V	C524	1-108-431-00 1-123-380-00	MYLAR ELECT	0.068MF 1MF	10% 20%	200V 50V
C317 C318	1-108-630-91 1-131-345-00		0.022MF 0.47MF	10% 10%	100V 35V		1-123-362-00 1-123-360-00		330MF	20%	50V
						C527			100MF	20%	50V
C319 C320	1-123-356-00 1-123-586-00		10MF 0.1MF	20 % 20 %	16V 50V	C528 C529	1-123-321-00 1-123-333-00		220MF 100MF	20 % 20 %	16V 16V
C321	1-131-345-00	TANTALUM	0.47MF	10%	35 V	C530	1-106-359-00	MYLAR	0.0047MF	10%	200V
C322 C323	1-131-345-00 1-102-110-00		0.47MF 220PF	10% 10%	35V 50V	C531 C532	1-123-382-00 1-106-190-00	ELECT MYLAR	33MF 0.0056MF	20 % 10 %	50V 100V
C324	1-102-110-00		220PF	10%	50V	C 533	1-106-200-00		0.015MF	10%	100V
C325	1-136-173-00	FILM	0.47MF	5%	50V	C543	1-123-360-00	ELECT	100MF	20%	50 V
C326	1-136-173-00	FILM	0.47MF	5%	50V	C545	1-123-379-00	FLECT	0.47MF	20%	50V

KV-2764EC



Ref.No	. Part No.	Description			Remark	Ref.No	Part No.	Description		Remark
C551 C552 C553 C591	1-123-322-00 1-123-333-00 1-123-333-00 1-108-434-00	ELECT ELECT	330MF 100MF 100MF 0.12MF	20% 20% 20% 10%	16V 16V 16V 200V	D24 D25 D26 D27	*1-508-784-00 *1-508-784-00 *1-508-784-00 *1-560-290-00	1P PLUG	(2.5MM PITCH)	
C801		ELECT	22MF	20%	160V	D28	*1-508-784-00		(210/11/17/07/7	
	1-102-157-00 1-102-327-11 1-161-754-11 1-108-423-00 1-129-721-00	CERAMIC	560PF 330PF 0.001MF 0.015MF 0.039MF	10% 15% 10% 10%	500V 1.5KV 3KV 200V 630V	D30 DY1 DY2 DY3	*1-560-290-00 *1-508-765-00 *1-508-765-00 *1-508-766-00	3P PLUG (M) 3P PLUG (M)	(2.5MM PITCH)	
C 807	1-136-186-00	FILM	2.4MF	5%	200V	į	TRI	MMER		
C808	1-136-116-00	FILM	1MF	5%	200 V	CV 301	1-141-181-11	CAP, TRIMMER		
C809 C810 C811	1-108-845-00 1-106-196-00 1-106-373-00		0.047MF 0.01MF 0.018MF	10% 10% 10%	50V 100V 200V	 	<u>D10</u>			
C812 C813 C814 C815 C816	1-102-223-00 1-106-220-00 1-123-949-51 1-123-362-00 1-102-030-00	MYLAR ELECT ELECT	0.0047MF 0.1MF 33MF 330MF 330PF	10% 10% 20% 20% 10%	2KV 100V 250V 50V 500V	D001 D002 D004 D005 D006	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 IC UPC574J DIODE RD30E-B4		
C818 C819 C821 C822 C824	1-130-894-00 1-129-711-51 1-102-038-00 1-102-038-00 1-108-630-91	FILM FILM CERAMIC CERAMIC	0.022MF 0.0056MF 0.001MF 0.001MF 0.022MF	3% 10%	1.2KV 630V 500V 500V 100V	D008 D010 D061 D201 D205	8-719-911-19 8-719-911-19 8-719-100-35 8-719-911-19 8-719-100-44	DIODE 1SS119 DIODE 1SS119 DIODE RD5.6E-B2 DIODE 1SS119 DIODE RD7.5E-B2		
C825 C828	1-136-184-00 1-102-114-00	MYLAR	0.68MF 470PF	10% 10%	250V 50V	D206 D212	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
	FIL	TER				D213 D214 D215	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
CF001	1-527-790-00	OSCILLATOR,	CERAMIC			ĺ	8-719-911-19	DIODE 1SS119		
	CON	NECTOR				D216	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
CN 202 CN 251	1-561-534-00 1-536-813-21 1-536-813-21	TERMINAL BOA TERMINAL BOA	RD, INPUT/OU RD, INPUT/OU	ITPUT		D218 D219 D271	8-719-911-19 8-719-911-19 8-719-911-55	DIODE 1SS119 DIODE 1SS119 DIODE UO5G		
D1	1-536-813-21 *1-560-288-00					D303 D304	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
D3	*1-564-880-31	PLUG, CONNEC	TOR 3P			D305 D306	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
D4 D5	*1-564-885-11 *1-508-765-00		TOR 8P			D307	8-719-911-19	DIODE 1SS119		
D6 D7	*1-560-123-00 *1-564-883-11	PLUG, CONNEC		3P		D308 D309 D501	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
08 D10 D12	*1-508-786-00	4P PLUG (M) 2P PLUG (M)				D503 D504	8-719-924-06 8-719-924-06	DIODE ERC24-06S DIODE ERC24-06S		
D14 D15	*1-564-883-11 *1-560-290-00			ITCH)		D505 D506 D507	8-719-924-06 8-719-911-19 8-719-924-06	DIODE ERC24-06S DIODE 1SS119 DIODE ERC24-06S		
D16 D17 D18 D19	*1-560-290-00 *1-560-126-00 *1-560-126-00 *1-564-346-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC CONNECTOR, B	TOR (2.5MM P TOR (2.5MM)	ITCH) 6P		D551 D552 D553	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119		
D20	*1-564-346-00	CONNECTOR, B				D553 D554 D555	8-719-924-06 8-719-924-06 8-719-911-19	DIODE ERC24-06S DIODE ERC24-06S		
D21 D22 D23	*1-560-123-00 *1-560-127-00 *1-560-126-00		TOR (2.5MM P	ITCH)		D801		DIODE ERD29-08J		

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description				Remar
D802 D803 D804 D805 D806	8-719-300-65 8-719-924-06 8-719-924-06 8-719-931-13 8-719-305-15	DIODE ES1F DIODE ERC24-06S DIODE ERC24-06S DIODE EQBOI-13 DIODE GH3F DIODE GH3F AY LINE DELAY LINE, Y DELAY LINE, 1H (PAL)		Q008 Q009 Q011 Q201 Q206	8-729-245-83	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC 2458 SC 2458 SC 2458			
D807	8-719-305-15	DIODE GH3F		 Q207	8-729-204-83	TRANSISTOR 2				
	DEL	AY LINE		Q208 Q301		TRANSISTOR 2 TRANSISTOR 2		₹		
DL 301 DL 302	1-415-427-11 1-415-122-31	DELAY LINE, Y DELAY LINE, 1H (PAL)		Q305 Q309 	8-729-245-83 8-729-245-83	TRANSISTOR 2 TRANSISTOR 2	SC 2458 SC 2458			
	<u>1C</u>			Q310 Q311	8-729-245-83 8-729-245-83	TRANSISTOR 2 TRANSISTOR 2	SC 2458 SC 2458			
IC 001 IC 002	8-759-602-63 8-759-600-92 8-759-914-76	IC CX523-113P IC M58657P		Q312 Q313 Q502	8-729-245-83 8-729-245-83 8-729-204-83	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC 2458 SC 2458 SA 1048G	₹		
IC 202 IC 251	8-752-006-10 8-749-943-62	IC CX20061 IC STK-4362		Q504 Q505 Q506	8-729-204-83 8-729-168-82 8-729-169-02	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA 1048GF SC 2688 SC 2690A	₹		
IC 301	*4-368-684-01 6-066-720-60	SPRING (L); IC251 IC TDA3562A		Q507	*4-342-076-00 8-729-122-02	HEAT SINK, V TRANSISTOR 2	.OUT; Q! SA1220A	506		
IC 302 IC 551	1-235-534-11 8-759-915-46 *4-375-717-01	CONTROL MODULE, PICTURE IC TDA2579 HEAT SINK, IC; IC551		 Q508 Q510	8-729-195-82 8-729-245-83	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2:	SC 2958 SC 2458			
	<u>C01</u>	<u>L</u>		Q511 Q512	8-729-900-36	TRANSISTOR D' TRANSISTOR D' TRANSISTOR 2	TC124ES			
L 001 L 251 L 252 L 301 L 302	1-408-425-00 1-459-407-00 1-459-407-00 1-404-495-00 1-408-412-00	MICRO INDUCTOR 220UH COIL, FERRITE CHOKE COIL, FERRITE CHOKE COIL MICRO INDUCTOR 18UH		Q551 Q551 Q552 Q802	8-729-177-43 8-729-374-02 8-729-300-90 4-365-216-00	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2: SPACER, MICA	SD774 SB740 SD1497-0)6		
L 304 L 306 L 307 L 308	1-408-408-00 1-410-260-11 1-410-261-11 1-408-415-00	DELAY LINE, Y DELAY LINE, 1H (PAL) IC CX523-113P IC M58657P IC CX20199 IC CX20061 IC STK-4362 SPRING (L); IC251 IC TDA3562A CONTROL MODULE, PICTURE IC TDA2579 HEAT SINK, IC; IC551 L MICRO INDUCTOR 220UH COIL, FERRITE CHOKE COIL, FERRITE CHOKE COIL, MICRO INDUCTOR 18UH MICRO INDUCTOR 8.2UH MICRO INDUCTOR 33UH MICRO INDUCTOR 33UH MICRO INDUCTOR 5.6UH MICRO INDUCTOR 33UH MICRO INDUCTOR 100UH COIL, CHOKE COIL (WITH CORE) (DRUM TYPE) HLC COIL, FERRITE (PMC) MICRO INDUCTOR 4.7MMH COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE		i Q803 	*4-368-683-01 8-719-801-06 4-365-216-00 *4-368-683-01	SPRING; Q802 THYRISTOR S6: SPACER, MICA SPRING; Q803	344G ; Q803			
1.801	1 407 265 00	COTI CHOVE			RES	ISTOR				
L 802 L 803 L 804 L 805	1-459-585-11 1-459-224-00 1-421-390-00 1-408-239-00	COIL (WITH CORE) (DRUM TYPE) HLC COIL, FERRITE (PMC) MICRO INDUCTOR 4.7MMH		R001 R002 R003 R004	1-247-831-00 1-247-831-00 1-247-831-00 1-247-815-00	CARBON CARBON CARBON CARBON	1K 1K 1K 220	5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
L 806 L 808 L 809 L 810	1-421-329-00 1-407-365-00 1-437-090-00 1-407-365-00	COIL, CHOKE COIL, CHOKE HDT COIL, CHOKE		R005 R006 R007 R008	1-247-815-00 1-247-815-00 1-247-815-00 1-247-815-00	CARBON CARBON CARBON	220 220 220 220	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
L811	1-459-074-00	COIL, DUST CORE 6.8MMH(HCC)		R009 R010	1-247-815-00 1-247-815-00	CARBON CARBON	220 220	5% 5%	1/6W 1/6W	
L891	1-459-338-00	COIL, VAR, FERRITE (PAC)		 R011	1-247-815-00	CARBON	220	5%	1/6W	
	TRA	NSISTOR		R012 R013	1-247-799-00 1-247-815-00	CARBON CARBON	47 220	5% 5%	1/6W 1/6W	
Q001 Q003 Q004	8-729-204-83 8-729-245-83 8-729-245-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458 TRANSISTOR 2SC2458		R014 R015	1-247-847-00 1-247-847-00	CARBON CARBON	4.7K	5% 5%	1/6W 1/6W	
Q004 Q006 Q007	8-729-245-83 8-729-603-50	TRANSISTOR 25C2458 TRANSISTOR 2SC403SP		R016 R017 R018	1-247-721-11 1-247-713-11 1-247-831-00	CARBON CARBON CARBON	4.7K 1K 1K	5% 5% 5%	1/4W 1/4W 1/6W	

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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R021 R022 R023 R024 R025	1-247-859-00 1-247-859-00 1-247-807-00 1-247-831-00 1-247-863-00	CARBON CARBON CARBON CARBON CARBON	15K 15K 100 1K 22K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R221 R222 R228 R229 R230	1-247-708-11 1-247-873-00 1-247-873-00 1-247-823-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	470 56K 56K 470 1K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R026 R027 R028 R029 R030	1-247-859-00 1-247-708-11 1-247-163-00 1-247-863-00 1-247-163-00	CARBON CARBON CARBON CARBON CARBON	15K 470 22K 22K 22K	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/6W 1/4W		R231 R232 R233 R234 R235	1-247-821-00 1-247-688-11 1-247-823-00 1-247-877-00 1-247-903-00	CARBON CARBON CARBON CARBON CARBON	390 10 470 82K 1M	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/6W	
R031 R032 R033 R034 R035	1-247-163-00 1-247-863-00 1-247-863-00 1-247-863-00 1-247-863-00	CARBON CARBON CARBON CARBON CARBON	22K 22K 22K 22K 22K 22K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R236 R237 R238 R238 R239	1-249-429-11 1-249-421-11 1-247-837-00 1-249-421-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	10K 2.2K 1.8K 2.2K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R037 R038 R039 R040 R041	1-247-831-00 1-247-841-00 1-247-807-00 1-247-863-00 1-247-867-00	CARBON CARBON CARBON CARBON CARBON	1K 2.7K 100 22K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R242 R243 R244 R245 R247	1-249-429-11 1-247-861-00 1-249-460-11 1-249-437-11 1-247-137-00	CARBON CARBON CARBON CARBON CARBON	10K 18K 15K 47K 1.8K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W	
R042 R043 R044 R045 R046	1-247-823-00 1-247-823-00 1-247-831-00 1-247-713-11 1-247-847-00	CARBON CARBON CARBON CARBON CARBON	470 470 1K 1K 4.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W		R248 R249 R251 R252 R253	1-247-713-11 1-247-137-00 1-247-807-00 1-247-807-00 1-247-807-00	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 100 100 100	5% 5% 5% 5% 5%	1/4W 1/4W 1/6W 1/6W 1/6W	
R047 R048 R049 R050 R052	1-247-807-00 1-249-437-11 1-216-464-11 1-217-387-00 1-247-713-11	CARBON CARBON METAL OXIDE FUSIBLE CARBON	100 47K 18K 10 1K	5% 5% 5% 5% 5%	1/6W 1/6W 2W F 1/4W F 1/4W	F	R254 R255 R256 R257 R278	1-247-807-00 1-247-143-00 1-247-143-00 1-247-104-00 1-217-387-00	CARBON CARBON CARBON CARBON FUSIBLE	100 3.3K 3.3K 75 10	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/4W 1/4W	F
R053 R054 R056 R057 R060	1-247-883-00 1-247-815-00 1-247-859-00 1-249-429-11 1-247-825-00	CARBON CARBON CARBON CARBON CARBON	150K 220 15K 10K 560	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R279 R280 R281 R282 R283	1-217-387-00 1-247-879-00 1-247-849-00 1-247-847-00 1-247-713-11	FUSIBLE CARBON CARBON CARBON CARBON	10 100K 5.6K 4.7K 1K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W I/6W 1/4W	F
R201 R202 R203 R204 R205	1-247-125-00 1-247-125-00 1-247-721-11 1-247-721-11 1-247-153-00	CARBON CARBON CARBON CARBON CARBON	560 560 4.7K 4.7K 8.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R284 R285 R286 R287 R288	1-247-107-00 1-247-847-00 1-247-849-00 1-247-879-00 1-247-881-00	CARBON CARBON CARBON CARBON CARBON	100 4.7K 5.6K 100K 120K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	F
R206 R207 R208 R209 R210	1-247-869-00 1-247-143-00 1-247-843-00 1-249-429-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	39K 3.3K 3.3K 10K 10K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/6W		R297 R298 R301		CARBON CARBON CARBON CARBON CARBON	47K 470 470 1.5K 1.5K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W	
R211 R213 R214 R216 R217	1-247-135-00 1-247-895-00 1-249-419-11 1-249-429-11 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	1.5K 470K 1.5K 10K 1K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	 	R 304 R 305 R 306	1-247-816-00 1-249-429-11 1-247-823-00 1-247-823-00 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	240 10K 470 470 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R218 R219 R220	1-247-887-00 1-247-887-00 1-247-104-00	CARBON CARBON CARBON	220K 220K 75	5% 5% 5%	1/6W 1/6W 1/4W	 	R319	1-247-847-00 1-247-713-11 1-247-837-00	CARBON CARBON CARBON	4.7K 1K 1.8K	5% 5% 5%	1/6W 1/4W 1/6W	



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R 325 R 326 R 332	1 - 247 - 825 - 00 1 - 246 - 463 - 00 1 - 247 - 877 - 00 1 - 247 - 825 - 00 1 - 247 - 849 - 00	CARBON CARBON CARBON CARBON CARBON	560 390 82K 560 5.6K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/6W		R505 R506 R507 R508 R509	1-247-843-00 1-247-833-00 1-247-831-00 1-215-469-00 1-215-475-00	CARBON CARBON CARBON METAL METAL	3.3K 1.2K 1K 100K 180K	5% 5% 5% 1% 1%	1/6W 1/6W 1/6W 1/6W 1/6W	
R335 R336 R337	1-247-151-00 1-249-437-11 1-249-429-11 1-249-429-11 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	6.8K 47K 10K 10K 1K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R510 R511 R512 R513 R514	1-247-851-00 1-247-805-00 1-247-829-00 1-247-857-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	6.8K 82 820 12K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R340 R341 R342	1-247-831-00 1-247-821-00 1-247-821-00 1-247-903-00 1-247-879-00	CARBON CARBON CARBON CARBON CARBON	1K 390 390 1M 100K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R515 R516 R517 R520 R521	1-247-700-11 1-247-717-11 1-246-511-00 1-214-765-00 1-216-464-11	CARBON CARBON CARBON METAL METAL OXIDE	100 2.2K 39K 33K 18K	5% 5% 5% 1% 5%	1/4W 1/4W 1/4W 1/4W 2W	F
R345 R347 R348	1-247-149-00 1-247-882-00 1-247-825-00 1-247-827-00 1-247-849-00	CARBON CARBON CARBON CARBON CARBON	5.6K 130K 560 680 5.6K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R522 R523 R524 R525 R526	1-247-885-00 1-247-807-00 1-215-869-11 1-247-795-00 1-249-421-11	CARBON CARBON METAL OXIDE CARBON CARBON	180K 100 1K 33 2.2K	5% 5% 5% 5% 5%	1/6W 1/8W 1W 1/8W 1/6W	F F
R351 : R352 : R353 :	1-247-853-00 1-247-863-00 1-247-837-00 1-247-843-00 1-247-883-00	CARBON CARBON CARBON CARBON CARBON	8.2K 22K 1.8K 3.3K 150K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R527 R528 R529 R530 R531	1-247-783-00 1-247-161-00 1-247-127-00 1-247-892-00 1-246-463-00	CARBON CARBON CARBON CARBON CARBON	10 18K 680 360K 390	5% 5% 5% 5% 5%	1/8W 1/4W 1/4W 1/6W 1/4W	F
R357 R358 R359	1-247-857-00 1-247-849-00 1-247-861-00 1-247-859-00 1-246-517-00	CARBON CARBON CARBON CARBON CARBON	12K 5.6K 18K 15K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		 R532 R533 R534 R535 R536	1-247-143-00 1-247-859-00 1-247-787-00 1-247-783-00 1-216-354-11	CARBON CARBON CARBON CARBON METAL OXIDE	3.3K 15K 15 10 2.7	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1W	F
R 364 R 365 R 366	1-247-717-11 1-249-421-11 1-247-857-00 1-247-717-11 1-247-815-00	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 12K 2.2K 220	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/4W 1/6W		R537 R538 R539 R540 R541	1-247-879-00 1-247-753-11 1-247-877-00 1-246-507-00 1-247-823-00	CARBON CARBON CARBON CARBON CARBON	100K 1.2K 82K 27K 470	5% 5% 5% 5% 5%	1/6W 1/2W 1/6W 1/4W 1/6W	F
R369 R370 R371	1-247-815-00 1-247-815-00 1-247-708-11 1-247-807-00 1-247-713-11	CARBON CARBON CARBON CARBON CARBON	220 220 470 100 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W		R542 R544 R547 R548 R549	1-216-435-11 1-202-467-92 1-212-990-00 1-216-350-11 1-247-807-00	METAL OXIDE SOLID FUSIBLE METAL OXIDE CARBON	2.7K 3.3M 220 1.2 100	5% 10% 5% 5% 5%	1W 1/4W 1/2W 1W 1/8W	F F F
R377 R378 R379	1 - 246 - 507 - 00 1 - 246 - 507 - 00 1 - 247 - 861 - 00 1 - 247 - 864 - 00 1 - 247 - 877 - 00	CARBON CARBON CARBON CARBON CARBON	27K 27K 18K 24K 82K	5% 5% 5% 5% 5%	1/4W 1/4W 1/6W 1/6W 1/6W		R550 R551 R552 R553 R554	1-246-537-00 1-217-383-00 1-217-383-00 1-210-859-00 1-247-847-00	CARBON FUSIBLE FUSIBLE CARBON CARBON	470K 4.7 4.7 1.2 4.7K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/8W 1/6W	F .
R 382 R 383 R 385	1-247-831-00 1-247-831-00 1-247-831-00 1-247-841-00 1-247-841-00	CARBON CARBON CARBON CARBON CARBON	1K 1K 1K 2.7K 2.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R555 R556 R557 R558 R559	1-249-421-11 1-216-350-11 1-247-815-00 1-247-895-00 1-247-143-00	CARBON METAL OXIDE CARBON CARBON CARBON	2.2K 1.2 220 470K 3.3K	5% 5% 5% 5% 5%	1/6W 1W 1/6W 1/6W 1/4W	F
R390	1-247-841-00 1-247-173-00 1-247-841-00	CARBON CARBON CARBON	2.7K 56K 2.7K	5% 5% 5%	1/6W 1/4W 1/6W	;	R560 R571 R572	1-249-421-11 1-247-895-00 1-247-879-00	CARBON CARBON CARBON	2.2K 470K 100K	5% 5% 5%	1/6W 1/6W 1/6W	

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Ref.No.	Part No.	Description				Remark	Ref.No	o. Part No.	Description	<u>1</u>			Remark
R573 R574 R575 R578 R580 R591	1-247-903-00 1-247-903-00 1-247-177-00 1-247-704-11 1-210-819-00 1-247-725-11	CARBON CARBON CARBON CARBON SOLID CARBON	1M 1M 82K 220 1.8M 10K	5% 5% 5% 5% 10% 5%	1/6W 1/6W 1/4W 1/4W 1/4W 1/4W			1-806-213-00 CR	ERMISTOR THERMISTOR YSTAL				
R 592 R 593 R 594 R 595 R 596	1-247-153-00 1-247-847-00 1-247-863-00 1-247-857-00 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	8.2K 4.7K 22K 12K 3.3K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		X301 *****	1-527-789-00 ******* *1-615-566-11	******		****	*****	*****
R 597 R 598 R 599 R 800 R 801	1-247-145-00 1-247-849-00 1-247-815-00 1-215-886-11 1-216-345-11	CARBON CARBON CARBON METAL OXIDE METAL OXIDE	3.9K 5.6K 220 100 0.47	5% 5% 5%	1/4W 1/6W 1/6W 2W 1W	F F	 CN901	<u>JA0</u> . 1-507-657-00 COI	_	TYPE)			
R 802 R 803 R 804 R 805 R 806	1-247-137-00 1-247-803-00 1-215-871-11 1-215-866-11 1-202-838-00	CARBON CARBON METAL OXIDE METAL OXIDE SOLID	1.8K 68 2.2K 330 100K	5% 5% 5%	1/4W 1/6W 1W 1W 1/2W	F F	J1 J1 R901	*1-560-126-00 RES 1-247-708-11	SISTOR	CTOR (2.		1/4W	
R 807 R 808 R 809 R 810 R 811	1-202-818-00 1-202-826-00 1-244-927-00 1-210-859-00 1-249-448-11	SOL ID SOL ID CARBON CARBON CARBON	1K 4.7K 180K 1.2 1.2		1/2W 1/2W 1/2W 1/8W 1/4W		R902	1-247-708-11 ***********************************	CARBON	470	5%	1/4W	*****
R812 R813 R814 R817 R820	1-247-270-00 1-215-883-11 1-246-537-00 1-216-379-11 1-215-884-11	METAL OXIDE CARBON	18K 33 470K 6.8 47	5% 5% 5% 5% 5%	1/2W 2W 1/4W 2W 2W	F F	C401 C403	CAF 1-123-617-00 1-123-616-00		10MF 4.7MF		20% 20%	16V 25V
R 825 R 826	1-207-678-00 1-207-678-00 <u>VAR</u>		10 10	10% 10%	5W 5W	F F	 D401 D402 D403 D404	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS11 DIODE 1SS11 DIODE 1SS11	9 9			
RV 302 RV 303 RV 501	1-228-720-00 1-228-724-00 1-228-725-00 1-226-776-00 1-226-775-00	RES, ADJ, CER. RES, ADJ, CER. RES, ADJ, CER. RES, ADJ, MET. RES, ADJ, MET.	AMIC C AMIC C AL GLA	ARBON ARBON ZE 220	10K 22K K		D405 D405 D406 D407 D409	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS11 DIODE 1SS11 DIODE 1SS11	9 9 9			
	1-230-522-11 1-228-720-00	RES, ADJ, MET. RES, ADJ, CER.					! !	CON	NECTOR				
SG801		<u>RK GAP</u> DISCHARGING G	AP				H4 H5 H6	*1-560-278-00 *1-560-278-00 *1-560-278-00	PLUG, CONNE	CTOR 6P			
		NSFORMER					į	RES	ISTOR				
T301 T801 T802 A T803 T891	1-426-121-00 1-437-090-00 1-439-332-41 1-413-059-00 1-421-245-11	DAT HDT TRANSFORMER A TRANSFORMER, TRANSFORMER,	FERRIT	E (DFT			R401 R402 R405 R406	1-247-847-00 1-247-847-00 1-247-849-00 1-247-849-00		4.7K 4.7K 5.6K 5.6K	5% 5%	1/6W 1/6W 1/6W 1/6W	

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

Remark



D. C. N. D. A. N.	0 111		10.6 11 10 14 11
Ref.No. Part No.	Description	<u>Kemark</u>	Ref.No. Part No.
RV401 1-228-578-00 RV402 1-228-578-00 RV403 1-228-578-00 RV404 1-228-578-00 SWI	RES, VAR, CARBON 10K RES, VAR, CARBON 10K RES, VAR, CARBON 10K RES, VAR, CARBON 10K RES, VAR, CARBON 10K		RV902A,1-215-066 S901 A.1-554-762 SP901 1-503-417 SP902 1-503-314 V901 A.8-736-752
SW401 1-554-118-00	SWITCH, PUSH (1 KEY)		ACCES
SW407 1-553-329-00 SW408 1-553-329-00 SW411 1-553-329-00 SW412 1-553-329-00	SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY)		Part No. A-1470-625
SW413 1-553-329-00 SW414 1-553-329-00 SW415 1-553-329-00 SW416 1-553-329-00 SW417 1-553-329-00	SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY)		4-337-844 4-373-239 4-373-243 4-373-258 4-482-107 4-491-800
SW418 1-553-329-00 SW419 1-553-329-00	SWITCH, PUSH (MONO KEY) SWITCH, PUSH (MONO KEY)		
*******	*******	*******	
*1-612-977-21	H2 BOARD ******		!
*4-373-201-01 *4-373-202-01			
DIO	<u>DE</u>		
LED401 8-719-908-08 *1-526-638-00 LED402 8-719-903-11 LED404 8-719-903-11 LED405 8-719-903-11	SOCKET, IC (9P); LED401 DIODE GL-9PR24 DIODE GL-9PR24		
LED406 8-719-903-11	DIODE GL-9PR24		! !
RES	ISTOR		[]
R407 1-247-813-00 R412 1-247-813-00		1/6W 1/6W	
*****	******	******	
	CELLANEOUS ********		
↑. 1-426-041-21 ↑. 1-451-156-51 1-452-032-00 1-452-094-00 1-452-146-21	COIL, DEGAUSSING DEFLECTION YOKE (SY-105) MAGNET, DISK; 10MM Ø MAGNET, ROTATABLE DISK; 1 MAGNET, BMC	.5MM ø	
A, 1-452-315-11 A, 1-536-817-31 A, 1-551-270-31	CRT NECK ASSY (NA303) TERMINAL BOARD ASSY, ANTE CORD, POWER	NNA	

RV901A.1-228-544-11 RESISTOR ASSY, HIGH-VOLTAGE

RV902_A,1-215-066-21 RES_ASSY, HIGH-VOLTAGE S901_A.1-554-762-11 SWITCH, PUSH (AC POWER)(1 KEY) SP901 1-503-417-11 SPEAKER SP902 1-503-314-11 SPEAKER V901_A.8-736-752-05 CRT (A64JKBOOX)

ACCESSORIES AND PACKING MATERIALS

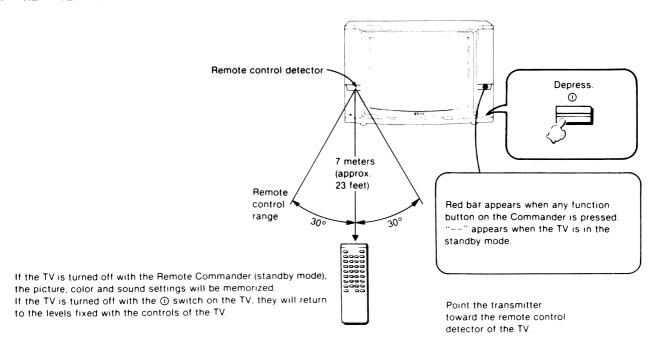
Description

Part No.	Description	Remark
A-1470-625-A 4-337-844-00 4-373-239-01 4-373-243-01 4-373-258-01	COMMANDER ASSY (RM-635) BAG, PROTECTION CUSHION (UPPER) (ASSY) CUSHION (LOWER) INDIVIDUAL CARTON	
4-482-107-11 4-491-800-02	MANUAL, INSTRUCTION SCHEMATIC DIAGRAM	

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

SECTION 5 REMOTE COMMANDER

5-1. REMOTE TV OPERATION



FUNCTION OF THE BUTTONS ON THE REMOTE COMMANDER

Each button has different functions for normal TV, teletext and VTR operations.

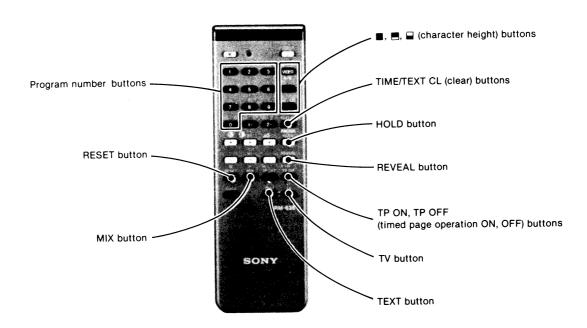
Functions for operating the TV are indicated **in white or black**. Functions for operating the video tape recorder* are indicated **in brown**.

Buttons used for teletext operations

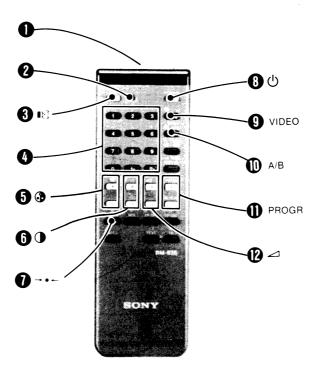
The following functions are for operating the TV as a teletext display by installing the optional Sony OPK-203 teletext adaptor. For details, please consult a dealer prepared to install a teletext adaptor.

Functions for teletext operation using the optional OPK-203 teletext adaptor are indicated in green.

* This Remote Commander can control the Sony SL-F1E combined with the TT-F1 series tuner timer unit, and Sony SL-C9 series.



Buttons used for normal TV operation



Transmitter

Point towards the remote control detector.

Pilot lamp

Lights when any button on the Remote Commander is pressed. If the lamp does not light when the button is pressed, battery replacement is required.

③ ■E;(sound mute) button

When you want to mute the sound (to answer the telephone, for instance), press this button. To restore the sound, press this button again,

Program number buttons

Programs are displayed by pressing the corresponding numbers. For programs 1 through 9, press the appropriate single-digit button.

For programs 10 through 19, press the [1] button (the tens-digit "/" will blink on the program indicator), then the button corresponding to the last digit of the program number (the tens-digit will now stop blinking). For example:

for program 10, press $\boxed{1-}$ and $\boxed{0}$. for program 11, press $\boxed{1-}$ and $\boxed{1}$.

For programs 20 to 29, press the $\begin{bmatrix} 2^- \end{bmatrix}$ button and then the single-digit button.

For program 30, press the 0 button.

Note: If you do not press a single-digit button within several seconds after pressing the $\fbox{1-}$ or $\fbox{2-}$ button, the previous program setting will be automatically recalled.

⑤ ③ (color) buttons

Adjust the color intensity. Press the + button to increase it, or the - button to decrease it.

6 (picture) buttons

Press the + button to increase the picture contrast, or the - button to decrease it.

→ • ← (normal) button

Press this button once instantly returns the color and contrast settings made with the ① and ③ buttons on the Commander to the factory preset levels.

(standby) switch

Turns the TV in standby mode. Program indicator will show "--". To turn on the TV from the standby mode, press a program number button or $\rightarrow \bullet \leftarrow$ button on the Commander.

VIDEO button

This button is not usable for this TV. When this button is pressed, "AU" will momentarily light in the program indicator, but will immediately disappear.

A/B button

This button is not usable for this TV.

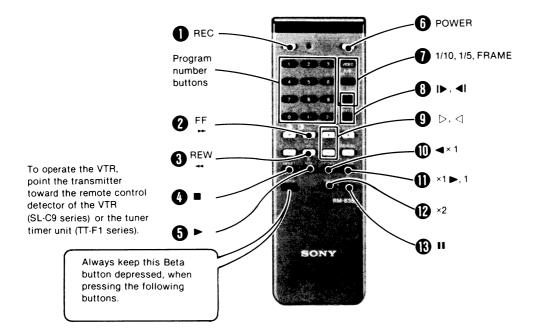
(PROGR (program) buttons

Function the same as the PROGR buttons on the TV.

⊕ ∠ (volume) buttons

Press the + button to increase the volume, or the - button to decrease it.

Buttons used for VTR operations



Buttons which have the same functions for both SL-C9 series and SL-F1E

REC (record) button

Press to start recording.

@ FF (fast-forward) button

Press to advance the tape rapidly. This button is also used for the forward picture-search operation.

REW (rewind) button

Press to rewind the tape. This button is also used for the reverse picture-search operation.

Press to stop the tape.

Press to play the tape back.

3 POWER switch

Press to turn the video tape recorder (and the tuner timer unit) on or off

12 (double-speed) button

Functions the same as the x2 button on the video tape recorder. Press to obtain a double-speed playback picture.

(pause) button

Functions the same as the II PAUSE button on the SL-C9 series and the PAUSE button on the SL-F1E. To release the pause mode, press this button again.

Buttons used for the SL-C9 series

Speed control buttons (1/10, 1/5, FRAME)

Function the same as the 1/10, 1/5 and FRAME of the SPEED CONTROL buttons on the recorder.

② ▷ (forward) and ⊲ (reverse) buttons

Select the direction of the speed control playback. Function the same as the ▷ and ▷ buttons of the SPEED CONTROL buttons on the recorder.

1 (normal speed) button

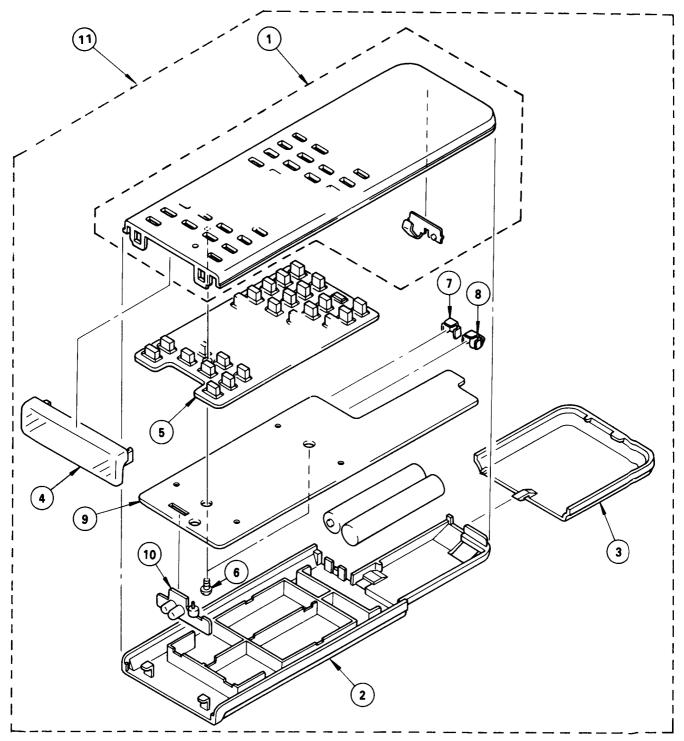
Functions the same as the 1 button of the SPEED CONTROL buttons on the recorder.

Buttons used for the SL-F1E

Function the same as the ◀ and ▶ SWING SEARCH buttons on the SL-F1E.

5-2. EXPLODED VIEW

- Items with no part number and no description are not stocked because they are seldom required for routine service.
 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1 2 3 4 5	4-361-948-00 4-361-945-00 4-361-943-00	CASE (UPPER) ASSY. COMMANDER CASE (LOWER), COMMANDER COVER, BATTERY PANEL, FRONT, COMMANDER SHEET, RUBBER		9 10	4-348-542-00 4-348-543-00 *:1-614-569-11 *:1-614-570-11		1 ~10

R1 R2

5-3. ELECTRICAL PARTS LIST

 Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

CAPACITORS
• MF : μF, PF : μμF

RESISTORS
• All resistors are in ohms
• F : nonflammable

Ref.No.	Part No.	Description				Remark
	*1-614-569-11	R1 BOARD				
	4-348-542-00 4-348-543-00		, BATTE , BATTE	RY RY		
	CAI	PACITOR				
C1 C2	1-161-315-00 1-161-315-00		220PF 220PF		10% 10%	50V 50V
	FIL	TER				
CF1	1-527-476-00	OSCILLATOR, O	CERAMIC	:		
	<u>IC</u>					
ICI	8-759-600-07	IC M50119P				! !
	TRA	NSISTOR				
Q1	8-729-378-84	TRANSISTOR 25	SD788			l I
*****	******	*****	*****	****	*****	 ******
,	*1-614-570-11	R2 BOARD				
	010	DE				1
D1 D2	8-719-900-23 8-719-107-82	DIODE GL-2AR1 DIODE SE303AY	,			1
	RES	ISTOR				ļ
R2 R3	1-247-791-00 1-247-767-00		22 2.2	5% 5%	1/6W 1/6W	

С

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Κ

SONY TRINITRON® COLOR TV

KV-2764EC/RM-635

Belgium Model

Chassis No. SCC-660G-A RX CHASSIS

SAFETY-RELATED COMPONENT WARNING!

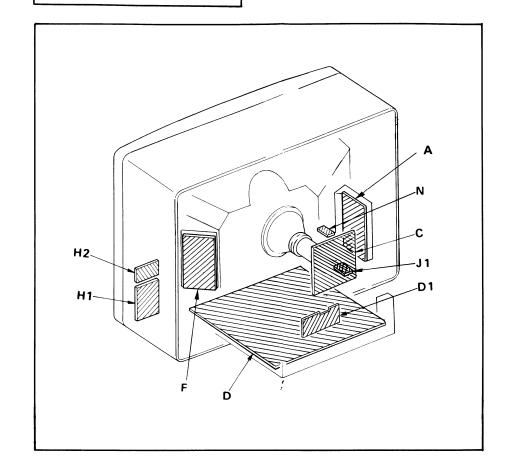
COMPONENTS IDENTIFIED BY SHADING AND MARK NO THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PRO-CEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

Note: The components identified by shading and mark nare critical for safety. Replace only with part number specified.

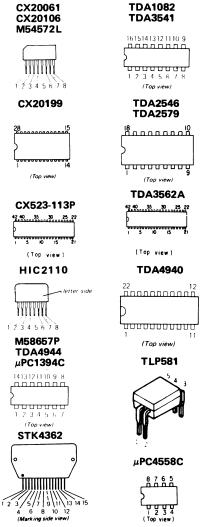
- All capacitors are in μF unless otherwise noted, p: $\mu \mu F$ 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. $k\Omega = 1000\Omega$, $M\Omega = 1000k\Omega$
- nonflamable resistor.
- fusible resistor
- △: internal component.
- : panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Readings are taken with a color-bar signal input.
- Voltages are dc with respect to ground unless otherwise
- All voltages are in V.
- Readings are taken with a $10M\Omega$ digital multimeter.
- : adjustment for repair.
- Voltage variations may be noted due to normal production tolerances.
- : B + bus.
- --- : B − bus

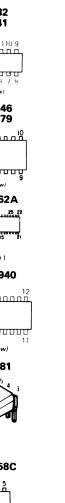
CIRCUIT BOARDS LOCATION

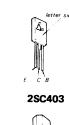
D20I ISSI33T-77 ◄12



SEMICONDUCTORS







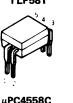
















2SA1091



2SA1220A 2SC2688 2SC2690A











ISS119

EQB01-13

ERD28-08 RD12E-B2

RD138-B2

RD6,8E-N3 RD7,5E-B2

ERD29-08.

2SC2958 2SD774



2SD795A



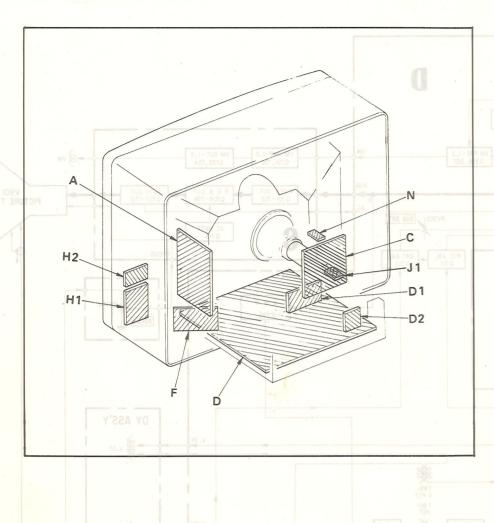
2SD1497-02 2SD1497-06











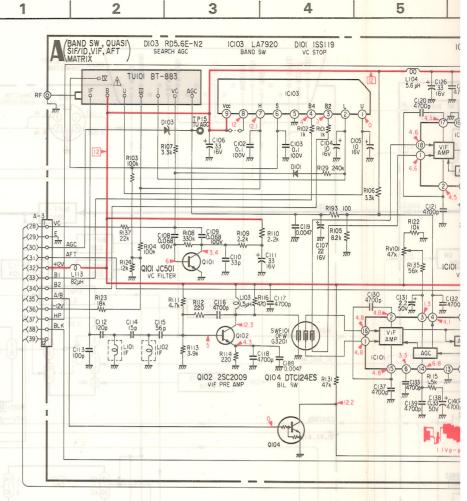
5-3. SCHEMATIC DIAGRAM

Note: The components identified by shading and mark

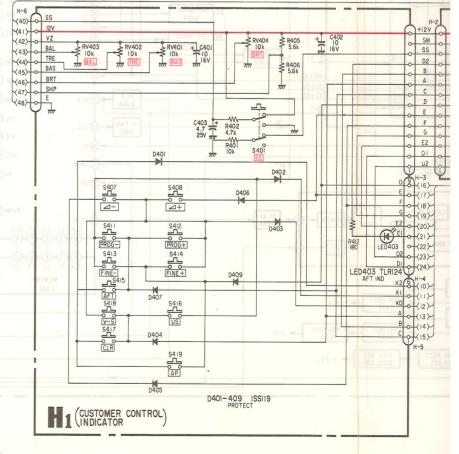
A are critical for safety. Replace only with part
number specified.

Note

- All capacitors are in μF unless otherwise noted, pF: μμF
 50WV or less are not indicated except for electrolytics
- C board and D board resistors are in ohms, $^1/_4$ W unless otherwise noted, and other boards are in ohms, $^1/_6$ W unless otherwise noted. k : $1000~\Omega$; M : $1000~k\Omega$
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- nonflammable resistor.
- w : fusible resistor.
- △ : internal component.
- adjustment for repair.
- All voltage are in V.B+ bus.
- . B- bus.
- Voltages are dc with respect to ground unless otherwise
 noted.
- \bullet Readings are taken with a 10 $M\Omega$ digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltages on A and H₁ boards are taken under conditions below.
- The channel 2 is selected.
- VOLUME control is set to no sound position.
 PICTURE control is set to the first stage.
- (The first stage is the condition when the POWER switch sets to ON.)
- Waveform on A board is taken with controls set to the first stage.
 Voltage variations may be noted due to normal produc-
- Voltage variations may be noted due to normal production tolerances.



LIMI-000

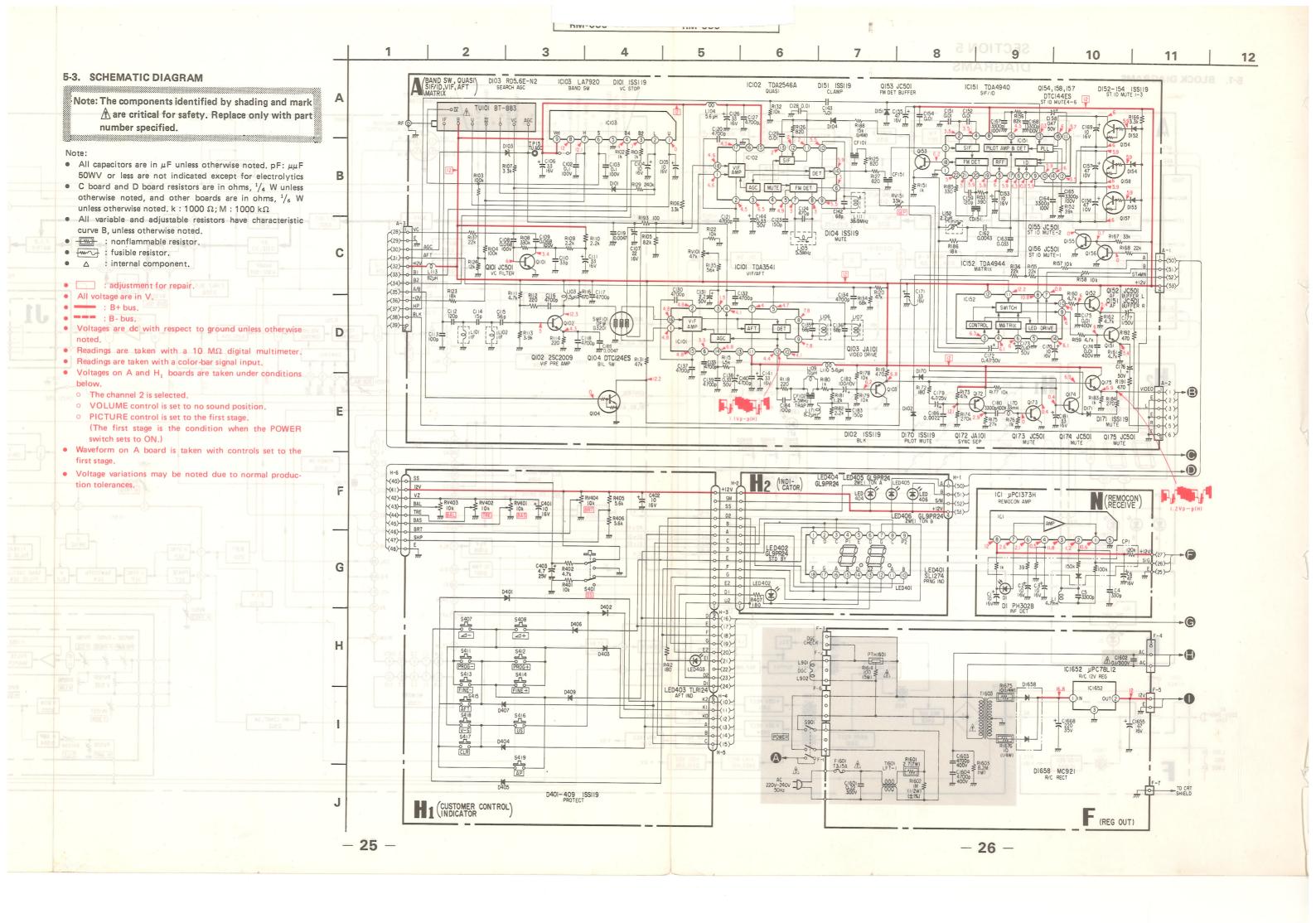


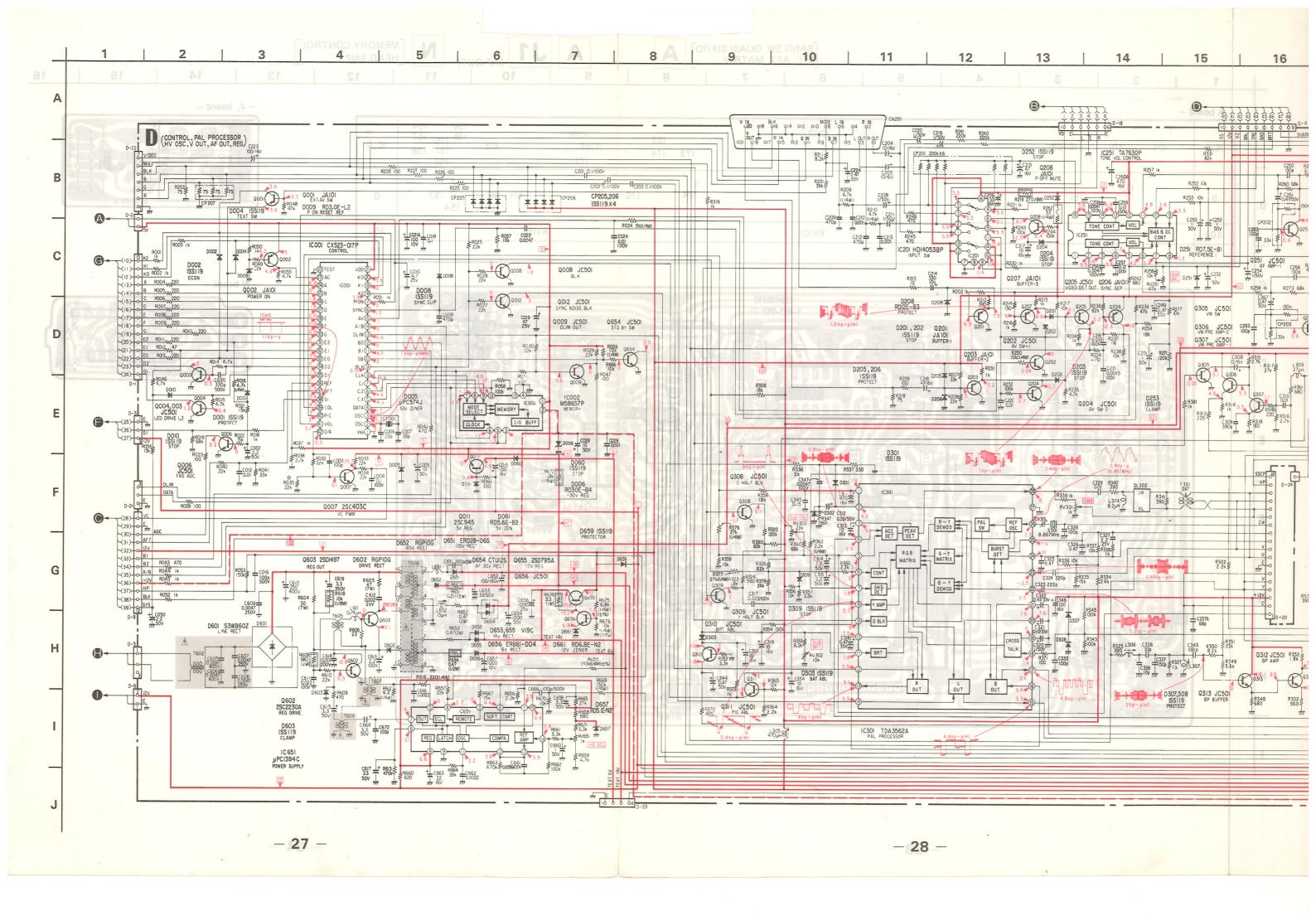
C

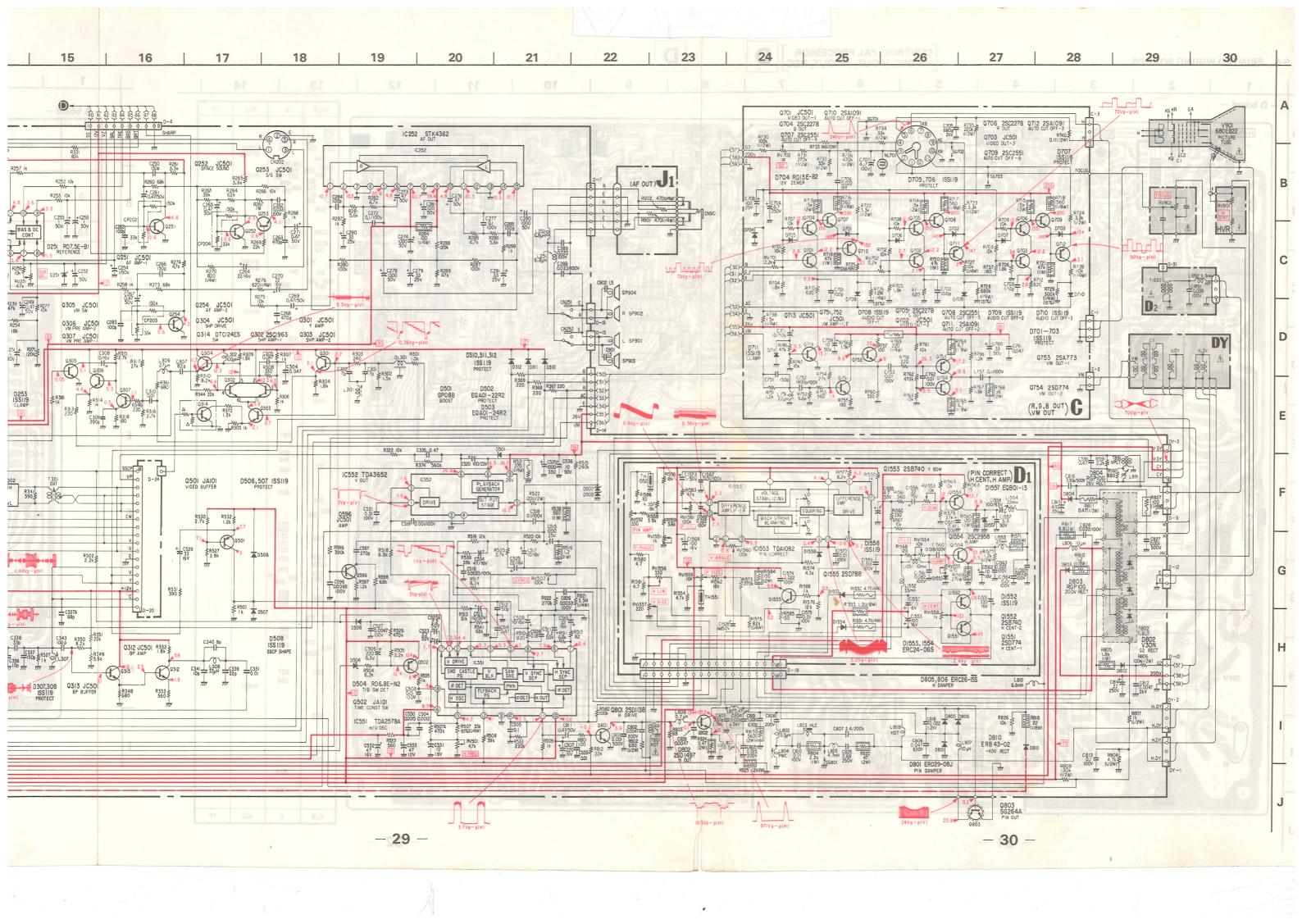
D

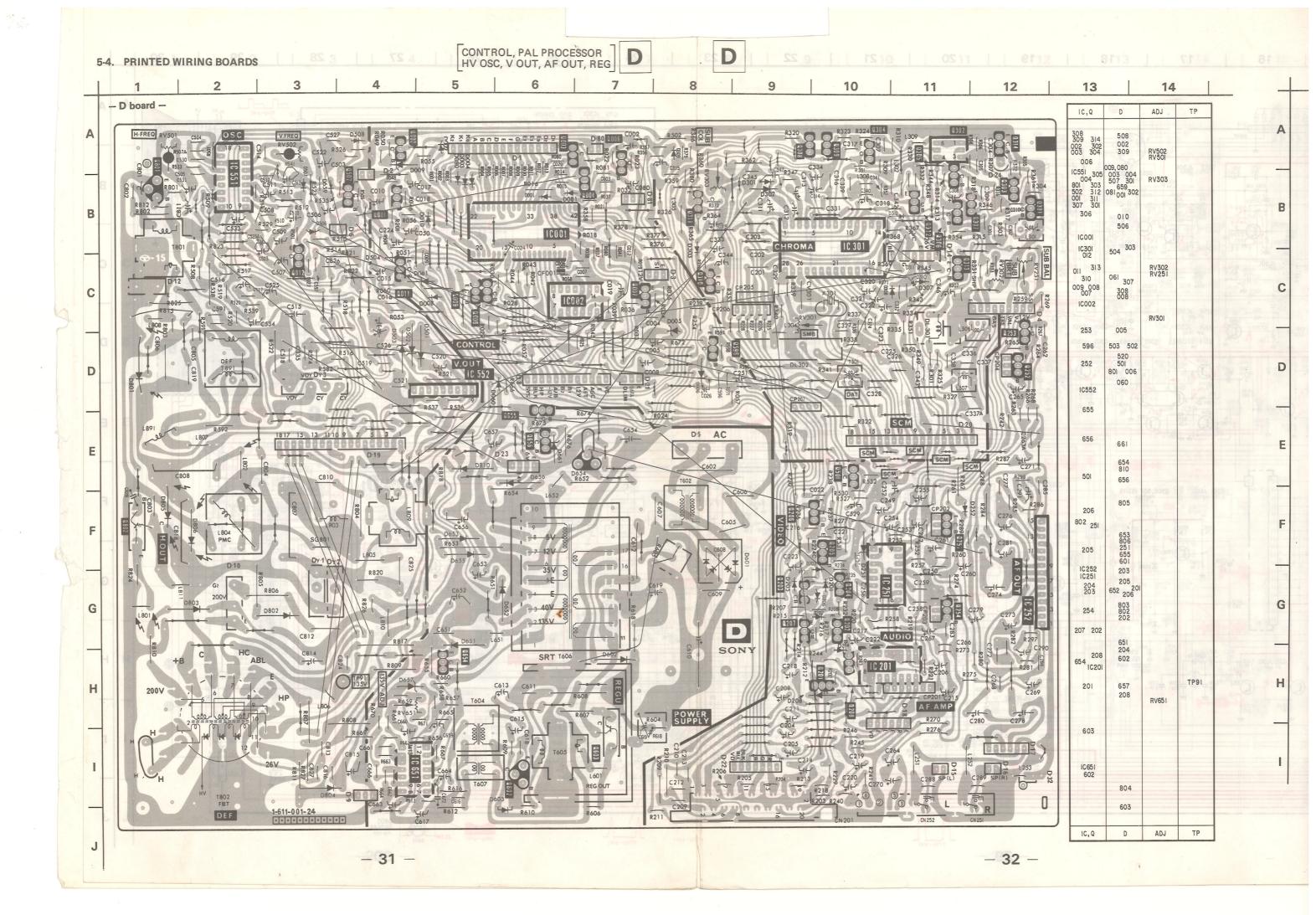
E

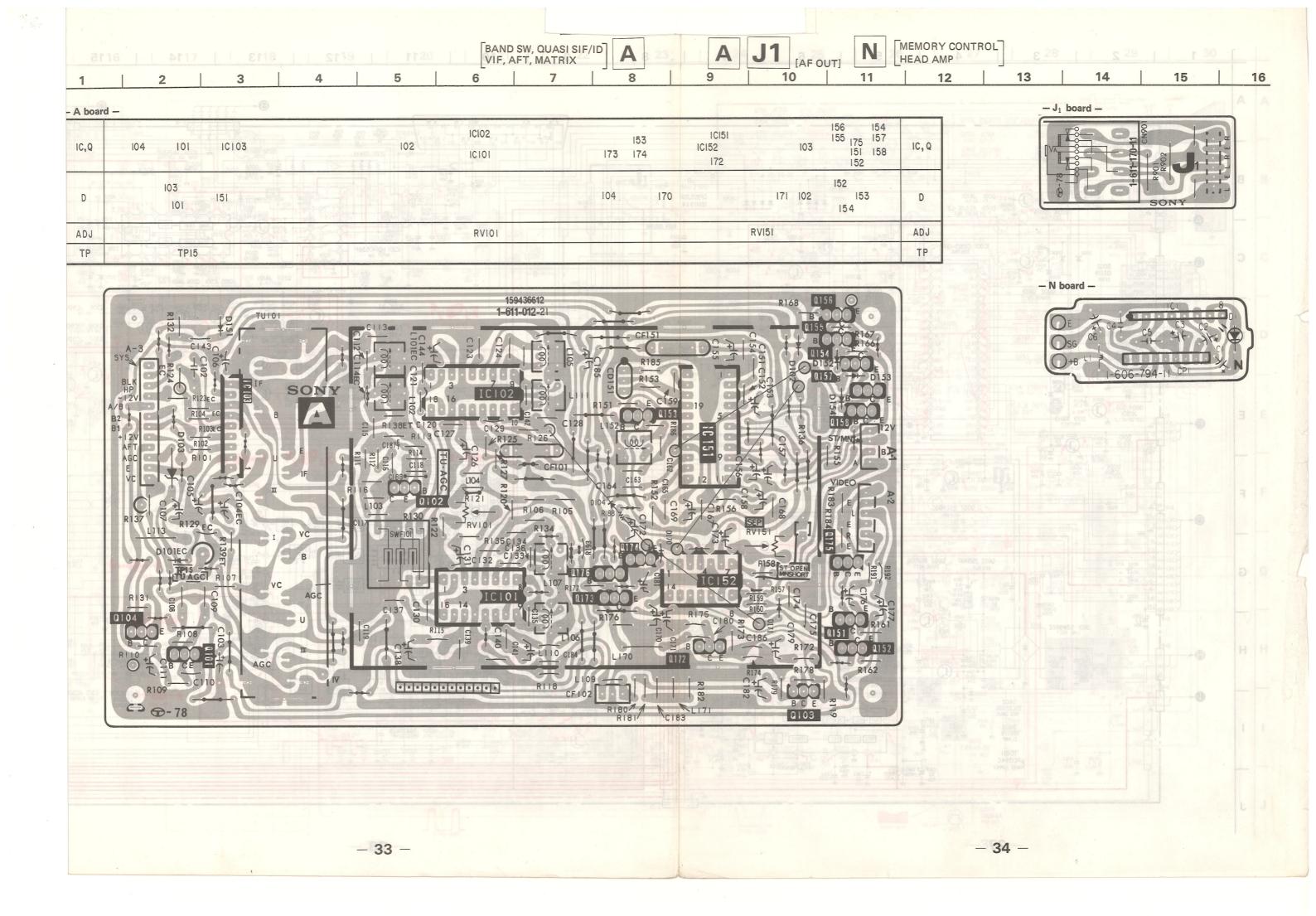
G

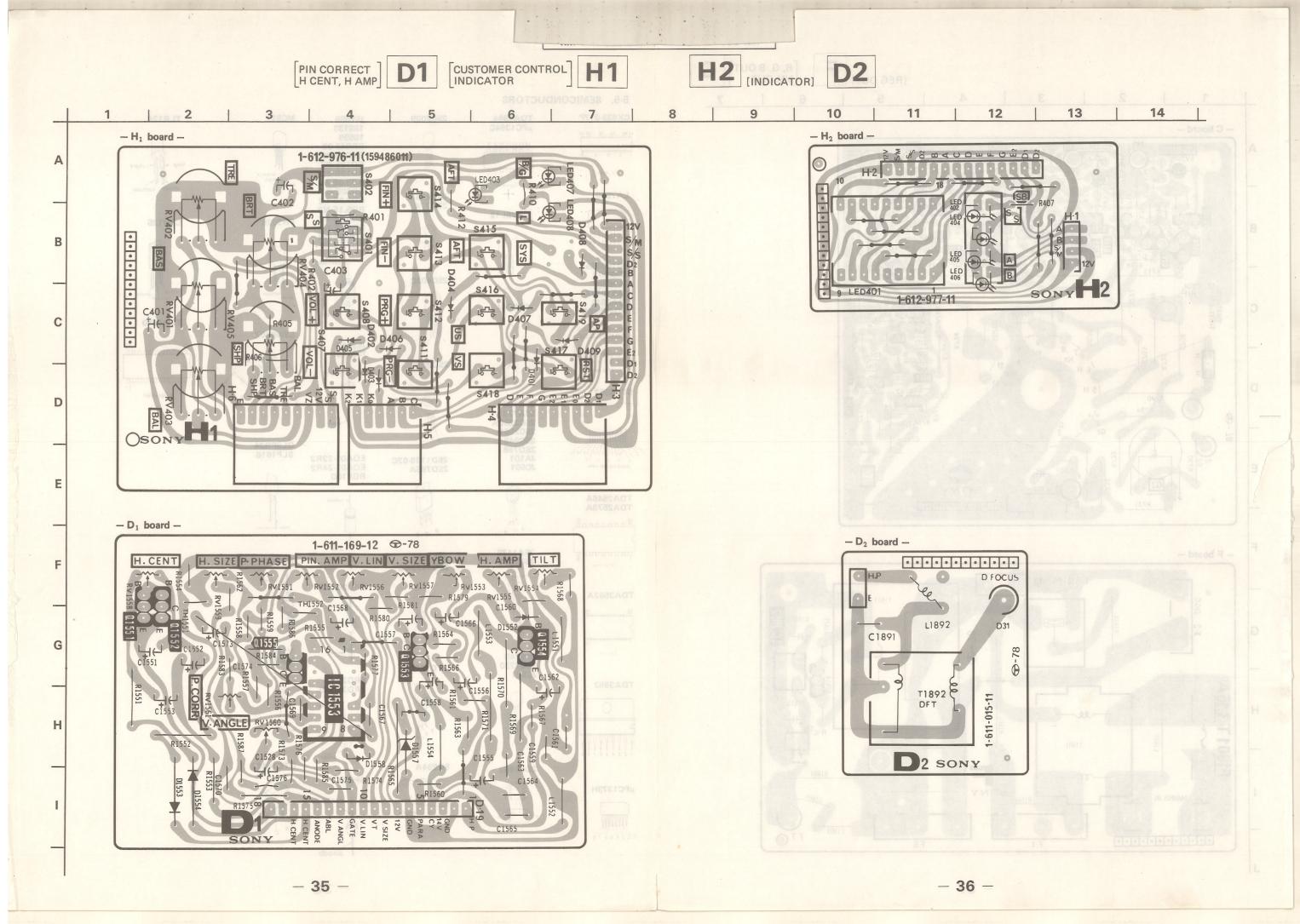


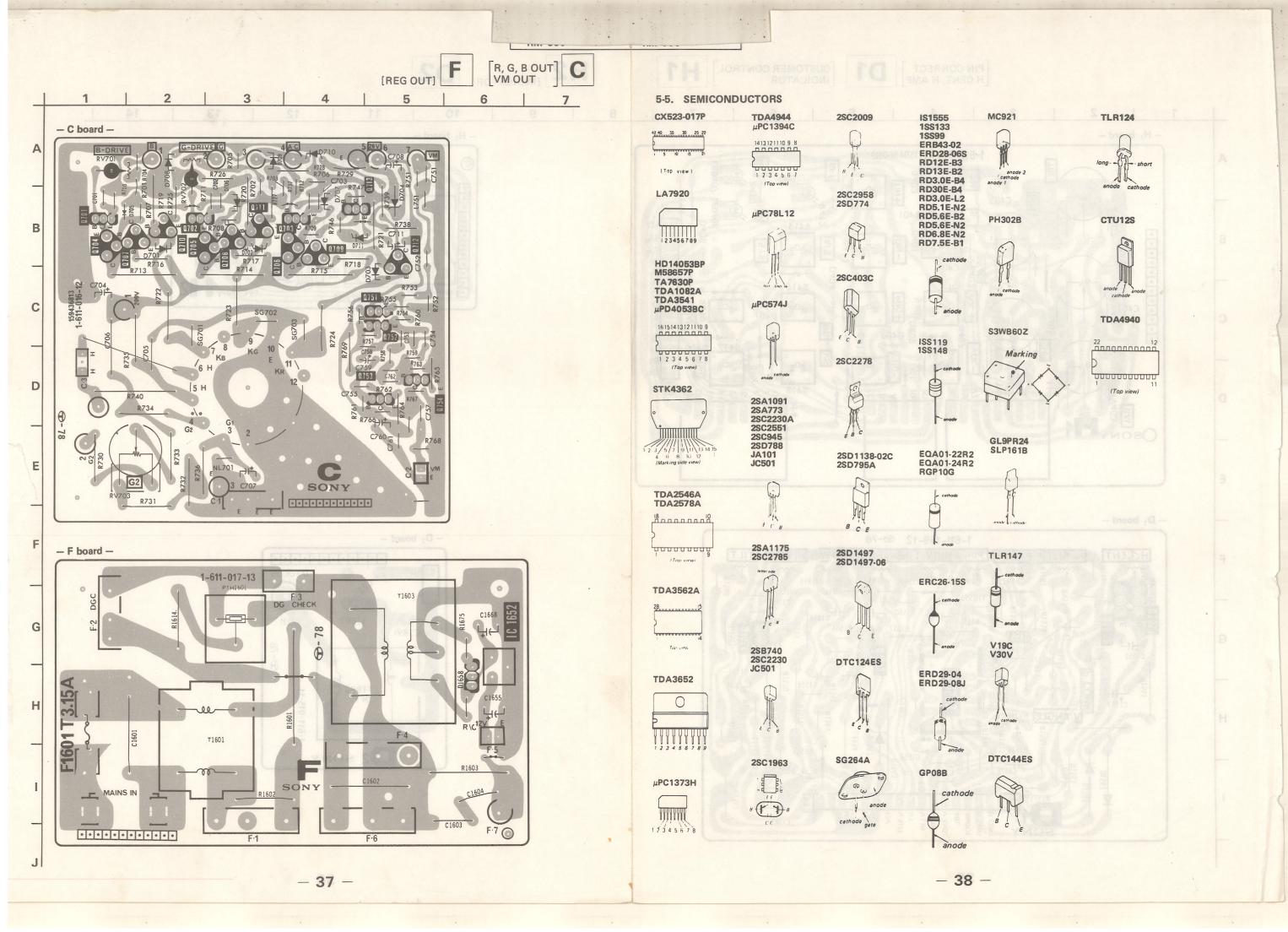




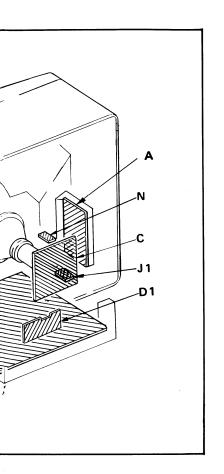


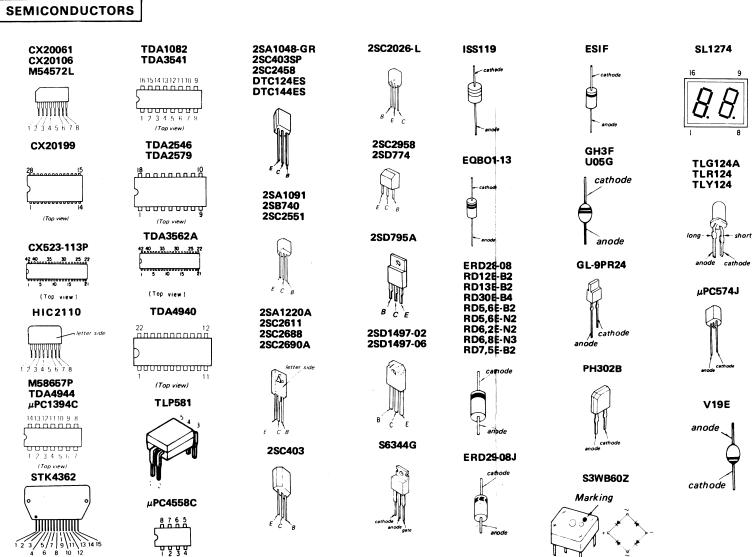


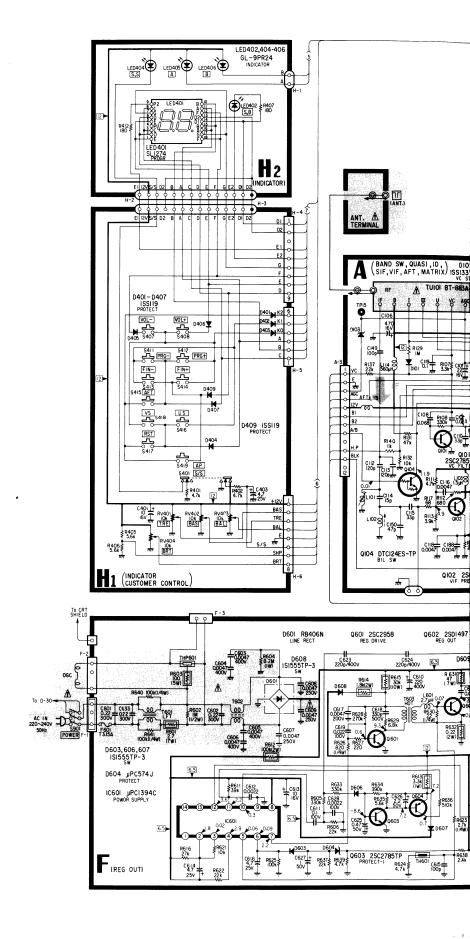


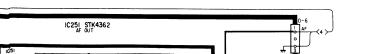


SCHEMATIC DIAGRAM





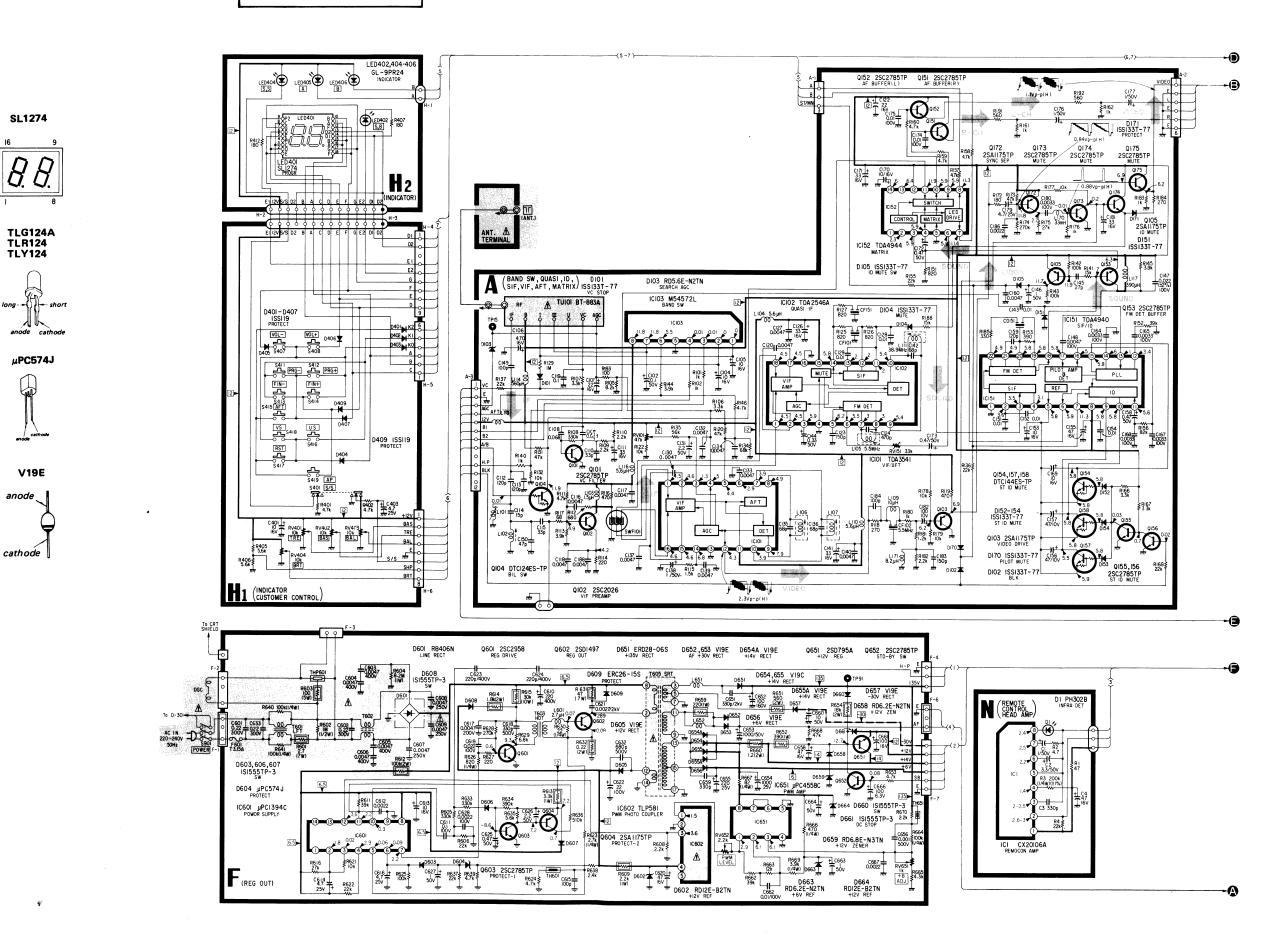








SCHEMATIC DIAGRAM





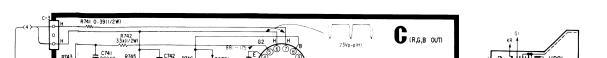
ESIF

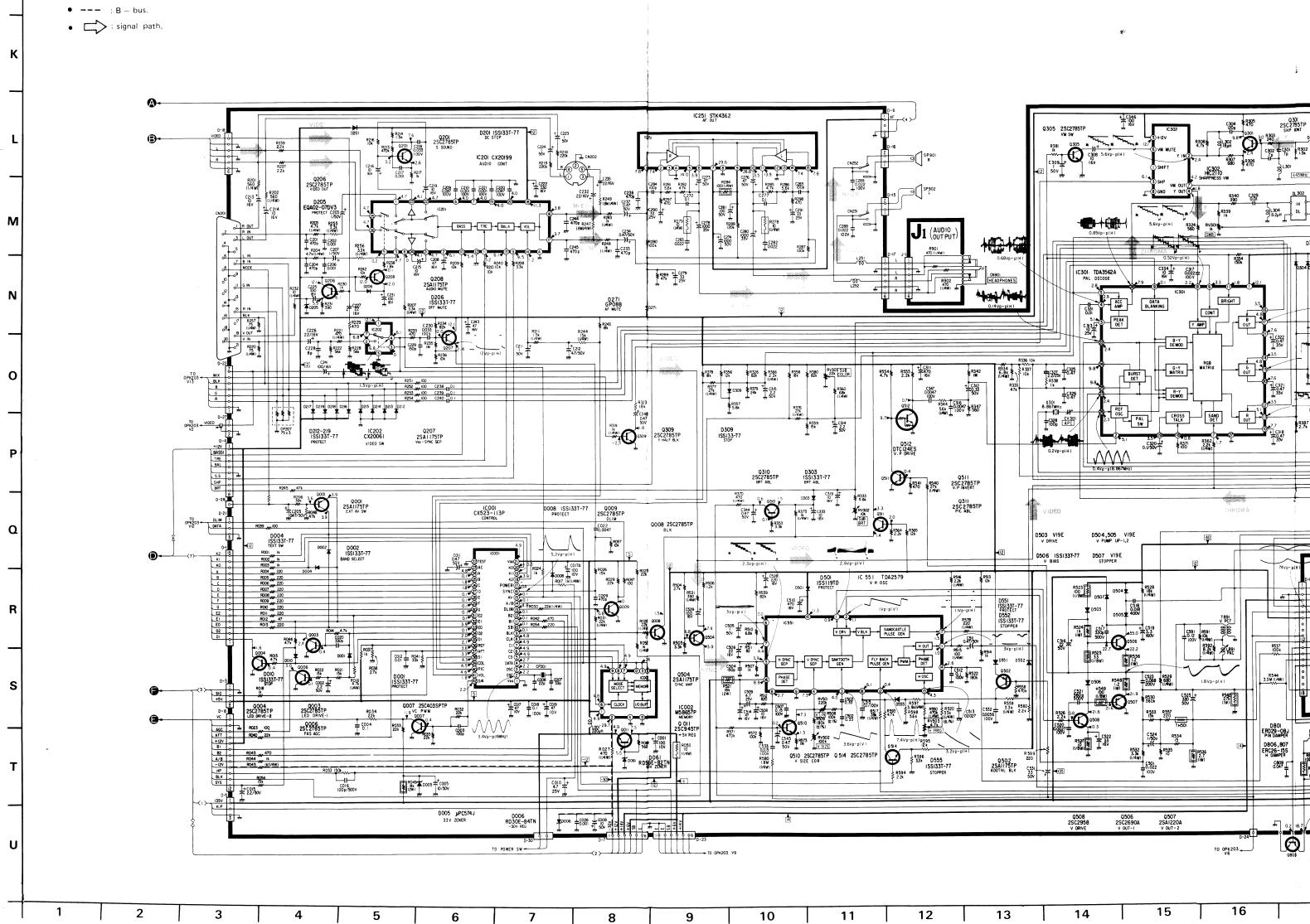
GH3F U05G

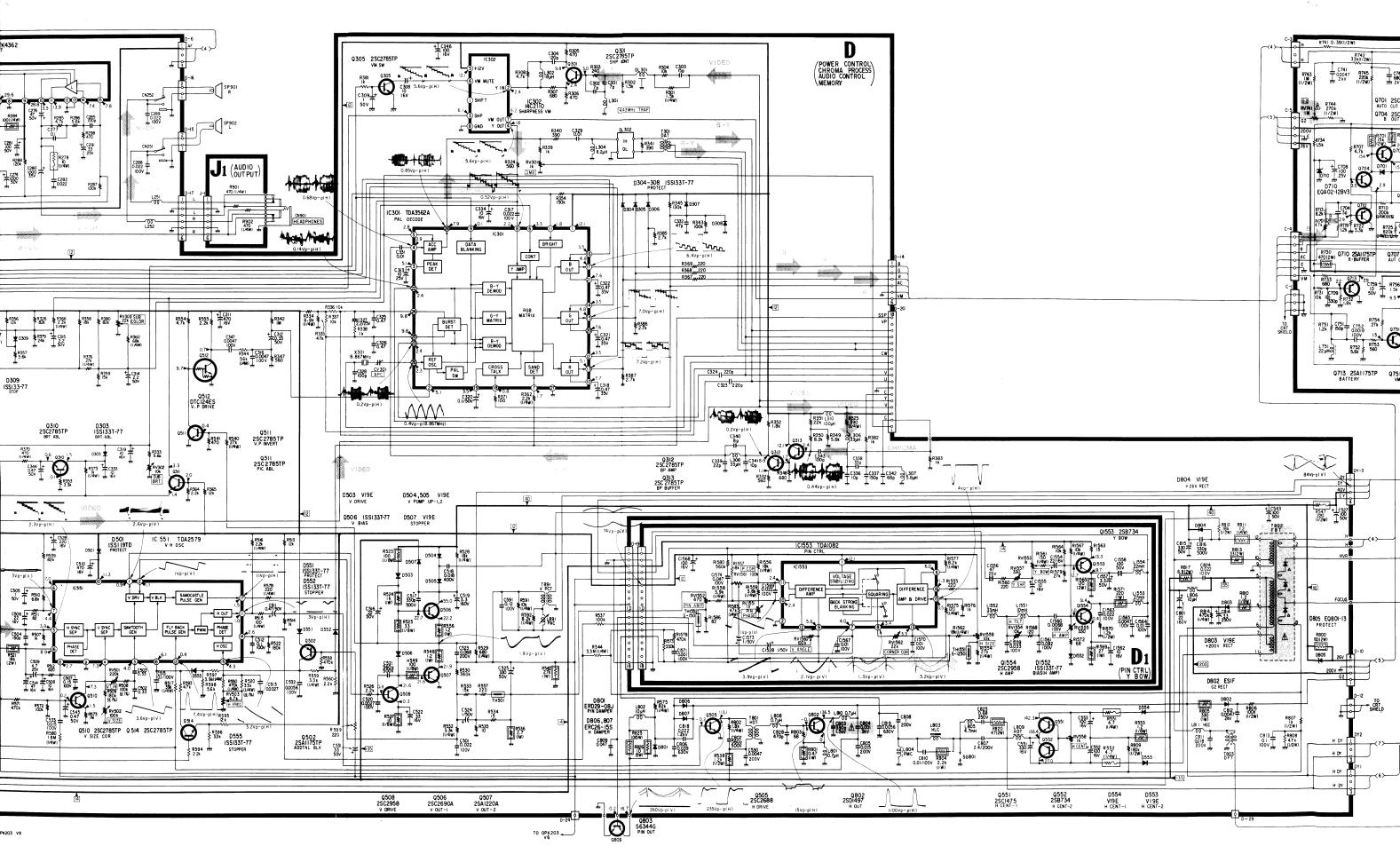
GL-9PR24

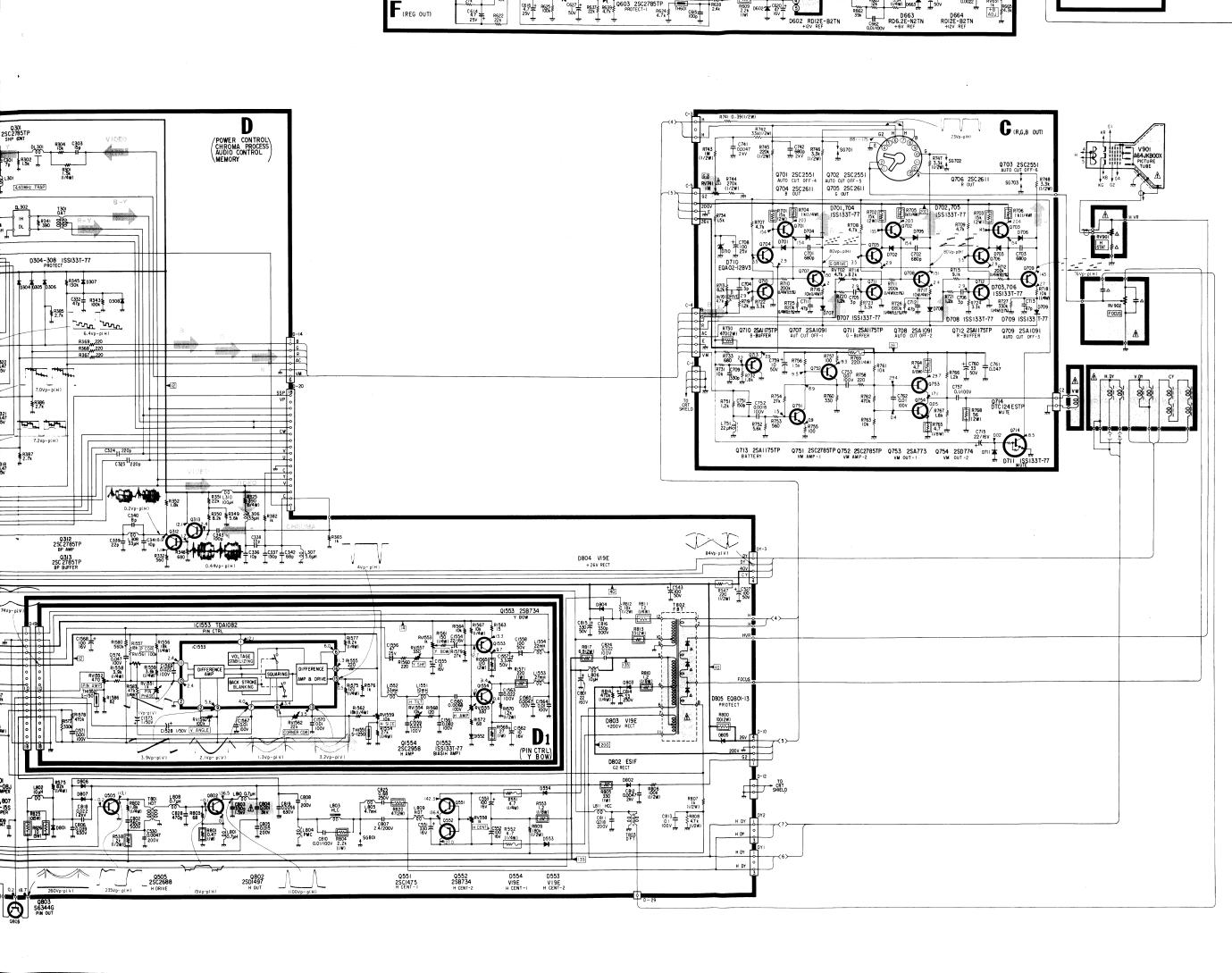
PH302B

cathode









MOUNTING DIAGRAM

Note: All mounting diagrams are viewed from conductor side.

POWER CONTROL CHROMA PROCESS AUDIO CONTROL MEMORY

SUB COLOR ADJUSTMENT

RV303 = G-13

- 1. Receive a color bar signal.
- 2. Set the picture control at Norm, COLOR control at minimum and BRIGHTNESS control to Mechanical

-- same level

- 3. Connect an Oscilloscope at pin (17) of IC301.
- 4. Adjust RV303 so that same level as shown.

SUB BRIGHT

RV302 = G-12

1. Receive a dot signal.

D

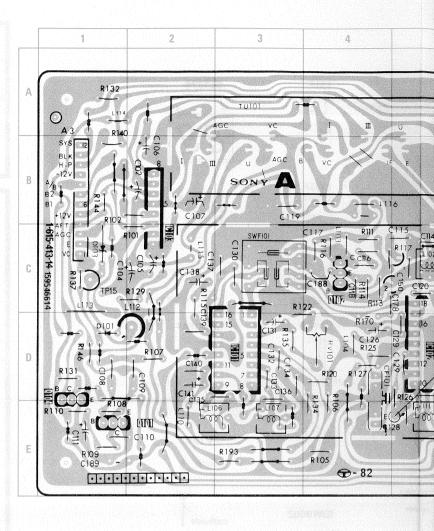
- C-13

- 2. Set the BRIGHTNESS control at mechanical center.
- 3. Connect an Digital multi-meter at pin (11) of IC301.

C291 C301

4. Adjust to 2.0±0.2V with RV302.





TU. AGC ADJUSTMENT

| RV101 = D-4

- 1. Tune in an off-air signal.
- 2. Adjust RV101 so that snow noise and crossmodulation disappear from the picture.

SEPARATION ADJUSTMENT

RV151 = D-8

- . Receive a stereo signal (L-CH 1 kHz, R-CH 400 Hz).
- . Comfirm the stereo indicater.
- . Comfirm the output 1 kHz signal at pin 9 of IC152.
- 4. Adjust RV151 so that minimum 1 kHz signal at pin 10 of IC152.

SIF ADJUSTMENT

L105 = E-5

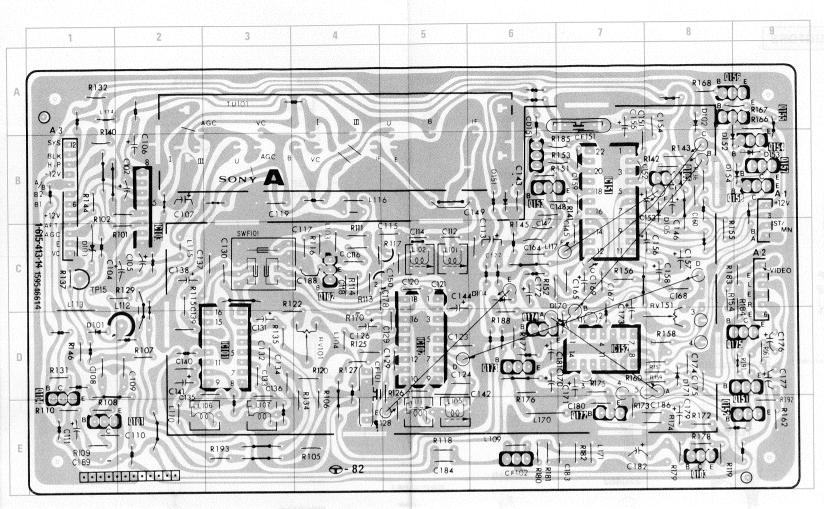
- 1. Tune in an off-air signal.
- 2. Adjust L105 for maximum clear-sound.

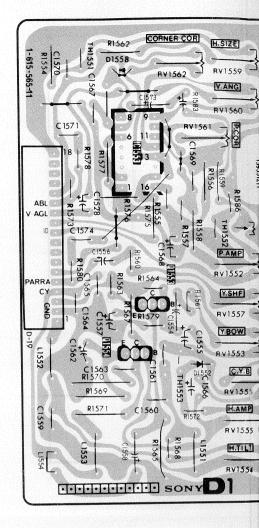


R345 R347 R552 R553

CN	C169 C-7	L112 C-2	R141 B-7
A1 B-9 A2 C-9 A3 A-1	C170 D-7 C171 D-7 C172 C-6 C173 D-7 C174 D-8	L113 C-1 L114 A-1 L115 C-2 L116 B-4	R142 B-8 R143 B-8 R144 B-2 R145 C-6 R146 D-1

[PIN CTRL Y BOW]





TU. AGC ADJUSTMENT

- 1. Tune in an off-air signal.
- Adjust RV101 so that snow noise and crossmodulation disappear from the picture.

SEPARATION ADJUSTMENT RV151 = D-8

- 1. Receive a stereo signal (L-CH 1 kHz, R-CH 400 Hz).
- 2. Comfirm the stereo indicater.
- Comfirm the output 1 kHz signal at pin (9) of IC152.
 Adjust RV151 so that minimum 1 kHz signal at pin 10 of IC152.

SIF ADJUSTMENT

L105 = E-5

- Tune in an off-air signal.
- 2. Adjust L105 for maximum clear-sound.

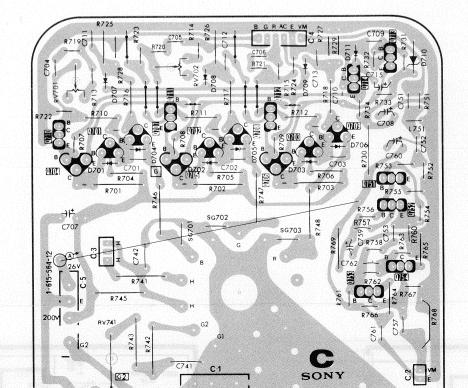
Α

R552 R553 R554

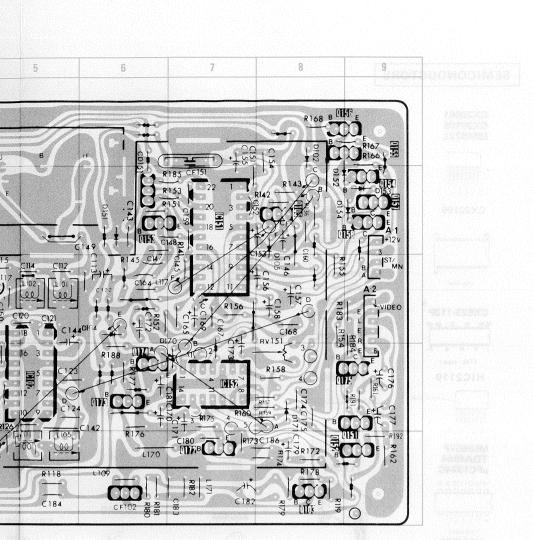
R345 R347 R348

CN	C169 C-7	L112 C-2	R141 B-7
A1 B-9 A2 C-9 A3 A-1	C170 D-7	L113 C-1	R142 B-8
	C171 D-7	L114 A-1	R143 B-8
	C172 C-6	L115 C-2	R144 B-2
	C173 D-7	L116 B-4	R145 C-6
	C174 D-8	L117 C-6	R146 D-1
	C175 D-8	L170 F-6	R151 B-7
C	C176 5 6	1171	D152 00

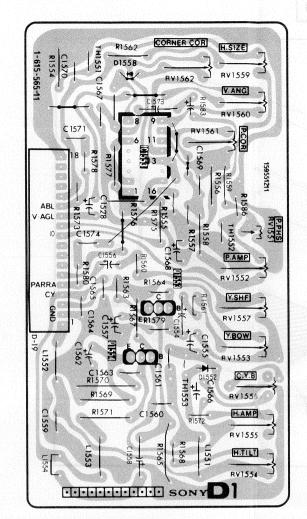
[R, G, B OUT]



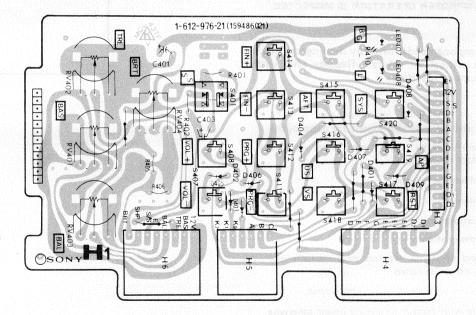
(KV-2764EC/RM-635)



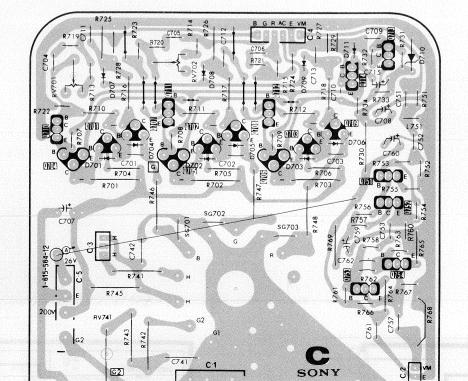
D1 [PIN CTRL Y BOW]

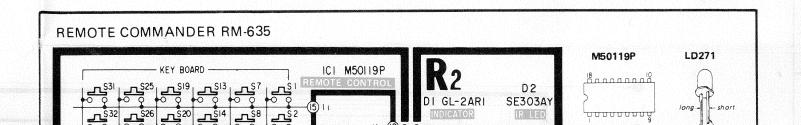


H1 [INDICATOR CUSTOMER CONTROL]



[R, G, B OUT





Set the dicture control at North, COLON control at Connect an Digital multi-meter at pin (11) of IC301. minimum and BRIGHTNESS control to Mechanical Adjust to $2.0\pm0.2V$ with RV302. center. Connect an Oscilloscope at pin 17 of IC301. Adjust RV303 so that same level as shown. D C-13 С C291 C301 C302 C303 C304 C308 C309 C311 C312 C313 C810 C811 C812 C813 C814 C815 C816 C818 C819 C824 D218 D219 D271 D303 D304 D305 D306 D307 D308 D309 0201 0206 0207 0208 0209 0301 0305 0309 0310 0311 R345 R347 R348 R349 R350 R351 R352 R353 R354 R356 C001 C002 C003 C004 C005 C006 C007 C008 R556 R557 R558 R559 R560 R571 R204 R205 R206 R207 R208 R209 APC ADJUSTMENT CV301 = C-12 0312 0313 0320 0502 0504 0505 0506 0507 C825 C828 D501 D503 D504 D505 D506 D507 D551 D552 D553 D554 R210 R211 R212 R213 R572 R573 R574 R575 R578 R591 R357 R358 R359 C314 C315 C316 C317 C318 C319 C320 C321 C322 C323 Receive a color bar signal. Each controls at normal R369 R360 R362 R363 R364 R365 R366 R367 Short circuit between pin (2) and pin (3) of IC301 CF R213 R214 R216 R217 R218 R219 R220 C016 C017 C017A C018 C019 C020 C022 with a jumper CF001 Connect Resistor (100 k Ω /1/4W) between pin (24)R592 R593 R594 R595 0508 0510 and pin (25) CN Adjust CV301 to obtain the stable color picture. CN201 CN202 CN251 CN252 CP207 D1 D3 D4 D5 D6 Q511 Q512 Q514 Q551 Q552 Q802 Q803 C324 C325 C326 C327 C328 C329 C331 C332 C333 C334 D555 D801 D802 D803 D804 D806 D807 Disconnect the Resistor and jumper. R221 R222 R228 R229 R230 R231 R232 R233 R234 R235 R596 R597 R801 R802 R803 R804 R805 R806 R807 R808 C026 C080 C201 C202 C203 C204 C205 C206 C207 C208 R373 R376 R377 R378 1H DL ADJUSTMENT T301 = E-12, RV301 = D-12 R379 R380 Receive a color bar signal. DL R Set the picture control at Norm and color control at R381 R382 R383 R385 R386 R387 R390 C336 C337 C338 C339 C340 C341 C342 C343 C344 C346 D7 D8 D10 D12 D14 D15 D16 D17 D18 D19 DL301 DL302 F001 F002 F003 R236 R237 R238 R809 R810 R811 R812 R813 R814 R815 R817 R820 R825 R826 Connect an Oscilloscope at pin 17 of IC301. F003 F004 F005 F006 F007 F008 F009 F010 R239 R240 R242 Get tracking with both T301 and RV301 as shown. IC IC001 IC002 IC201 IC202 IC251 IC301 IC302 IC551 R243 R244 R245 R247 R504 R505 R506 correct waveform anti-pal signal R248 R249 R251 R252 R253 R254 R255 C347 C348 C501 C502 C503 C504 C505 C506 C507 C508 F011 F012 F013 F014 F015 F016 F017 F018 F021 F022 R507 D20 D21 D22 D23 D24 D25 D27 D28 D29 D30 R508 R509 RV C219 C220 C221 C222 C223 C224 C225 C226 C227 C228 R509 R510 R511 R512 R513 R514 R515 R516 RV301 RV302 RV303 RV501 RV502 oscilloscope R256 R257 R278 Adjust T301 L001 L251 L252 L301 L302 L304 L306 L307 L308 L310 Adjust RV303 RV503 RV558 4 D80 D81 DY1 DY2 DY3 C509 C510 C511 C512 R279 R280 R281 R282 R517 K-6 R520 J-7 R521 I-6 R522 J-6 F 023 F 024 F 025 F 026 F 027 F 028 F 029 F 030 F 031 F 032 SG C229 C230 C231 C232 C233 C234 C235 C236 C237 C238 C-13 +0-C512 C513 C514 C515 C516 C517 C518 R282 R283 R284 R285 R286 R287 R288 R522 R523 R524 R525 R526 R527 R528 SG801 D-3 CV L801 L802 L803 L804 L805 L806 L807 L808 L809 L810 T CV301 C-12 T301 T801 T802 T891 4.43 MHz TRAP ADJUSTMENT L301 = C-15 C519 C520 C521 C522 R033 R034 R035 R036 R037 R038 R039 R040 R041 R042 R529 R530 R531 R532 R289 R297 R298 R301 R302 R303 R304 R305 R306 R307 Receive a color-bar signal. D001 D002 D003 D004 D005 D006 D008 D010 D061 D080 Connect an Oscilloscope at pin 🕡 of IC301 C522 C523 C524 C525 C527 C528 C529 R533 R534 R535 R536 TH Set the picture control at norm, color control at TH501 1-7 minimum and BRIGHTNESS control to mechanical L811 L891 R537 R538 Х 4. Adjust L301 for minimum 4.43 MHz component. C530 C531 C532 C540 C543 C544 C545 C551 C552 C553 R043 R044 R045 R046 R047 R048 R049 R050 R052 R053 R539 R540 R541 Q R308 R319 R322 R323 R324 R325 R326 R332 R333 R334 X301 C-12 C279 C280 C281 C282 C283 C284 C285 C288 C289 C290 Q001 Q003 Q004 Q006 Q007 Q008 Q009 Q011 Q081 Q082 R541 R542 R543 R544 R547 R548 R549 R550 R551 D081 D201 D205 D206 D212 D213 D214 D215 D216 D217 minimize 4.43 MHz carrier leakage R054 R056 R057 R059 R060 R080 R081 R082 R083 R084 R335 R336 R337 R338 R339 R340 R341 R342 R343 R344 C803 C804 C805 C806 C807 C808 C809 C-13 3 4 5 7 9 10 11 12 6 8

K

M

N

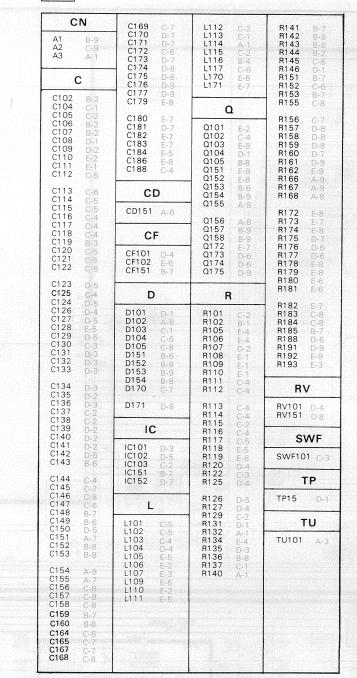
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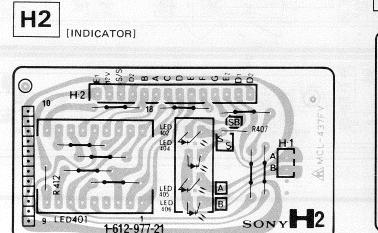
Q

R

- Tune in an off-air signai
- 2. Adjust L105 for maximum clear-sound.

A



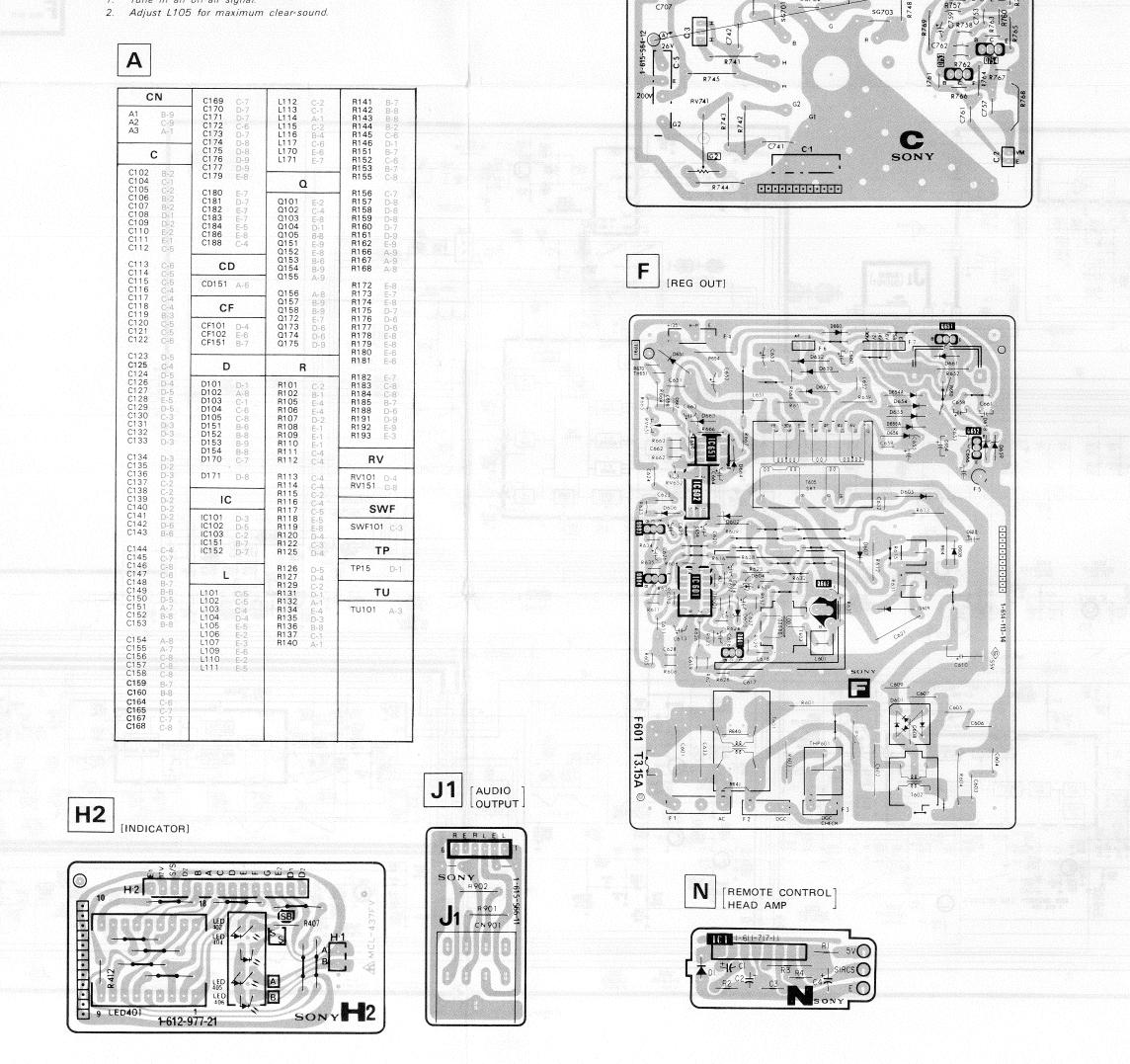


14

13



16



R345 R347 R348 R349 R350 R351 R352 R353 R354 R356

R357 R358 R359 R360 R362 R363 R364 R365 R366 R367

R368 R369 R370 R371 R373 R376 R377 R378 R379 R380

R381 R382 R383 R385 R386 R387 R390 R504 R505 R506

R507 R508 R509 R510 R511 R512 R513 R514 R515 R516

R517 R520 R521 R522 R523 R524 R525 R526 R527 R528

R529 R530 R531 R532 R533 R534 R535 R536 R537 R538

R539 R540 R541 R542 R543 R544 R547 R548 R549 R550 R551

10

R552 R553 R554 R555 R556 R557 R558 R559 R560 R571

R572 R573 R574 R575 R578 R591 R592 R593 R594 R595

R596 R597 R801 R802 R803 R804 R805 R806 R807 R808

R809 R810 R811 R812 R813 R814 R815 R817 R820 R825 R826

RV

SG

TH

X

X301 C-12

TH501 I-7

SG801 D

T301 T801 T802 T891

RV301 (RV302 (RV303 (RV501 RV502 RV503 RV558 RV558

15 16 11 12 13 14 17 18 21 19 20 22 23 24 25

26

REMOTE COMMA

KEY MATRIX

12

13

15

Note:

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S2

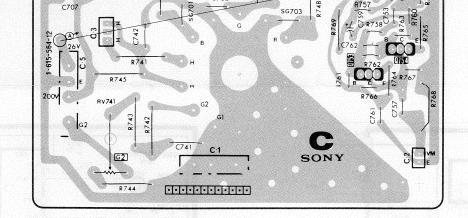
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S5 🚯 +

R 1

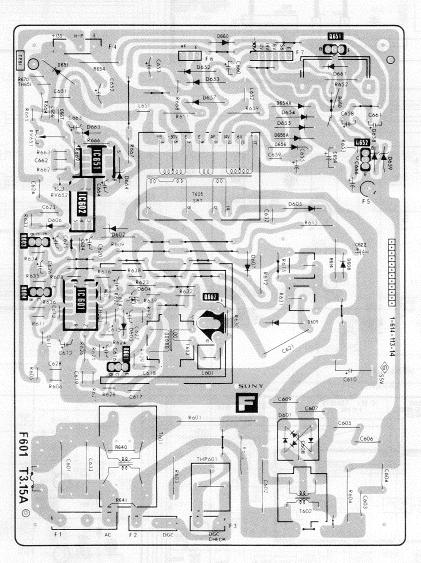
R 2

S6 🚷

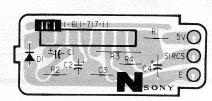


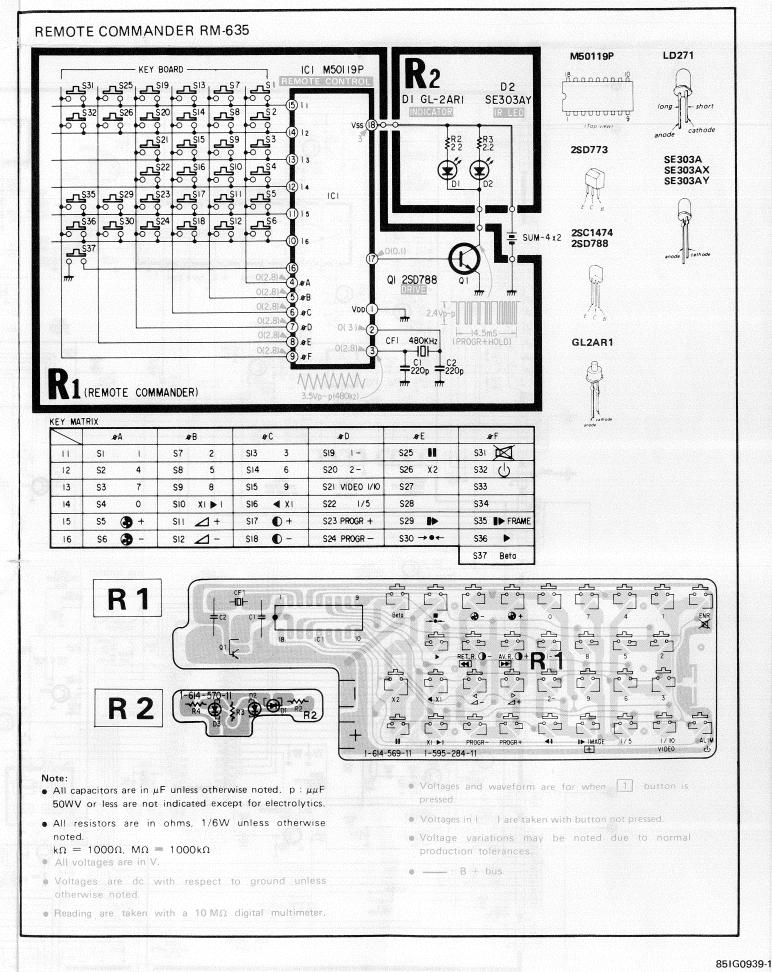
F [REG OUT]

[AUDIO]



N [REMOTE CONTROL]





Sony Corporation

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